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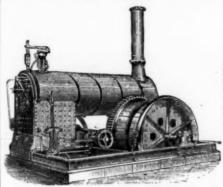
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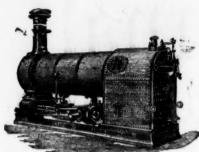
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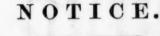
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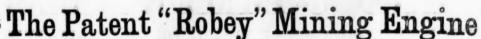
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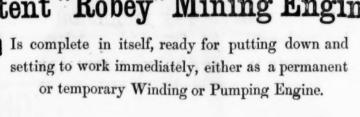
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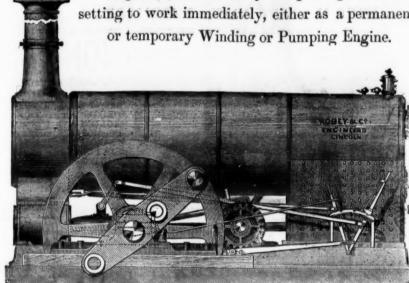




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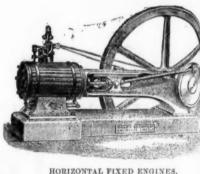
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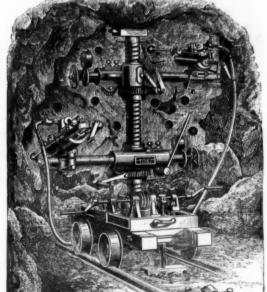
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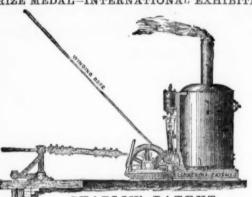
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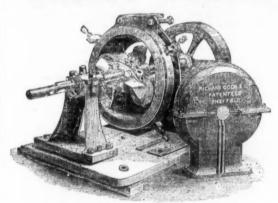
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MYSORE REEF COMPANY.

SIR,—Your correspondent, "C. F.," asks why the shares of this company occupy, and have occupied, so low a position in the Share list. The answer must be want of value, or of confidence, or due to persistent realising; at least, I so take it, but there is another element which comes in and may have its effect, and that is its foundation and management. As readers of the Journal know, it was inroduced and advocated by Mr. Peter Watson, and he is London manager, and no more respected a name could be desired, and it gave event weight to the company. A few weeks ago we had a letter from nanager, and no more respected a name could be desired, and it gave reat weight to the company. A few weeks ago we had a letter from is office detailing the retirement of two directors, Messrs. Wilson and Southgate, holders of 100 shares, and it appeared from that letter also that a reorganisation of the London management could ther also have resulting in a saving of 1250t, yearly. Mind, "sav-ig" What, then, does the London management cost is a pertinent lestion. Again, reviewing the value of reports of Prof. V. Simons, anguestion. Again, reviewing the value of reports of Prof. V. Simons, question. Again, reviewing the value of reports of Prof. V. Simons, on the Haven Gold Company's case (see last week's Journal), who reported on an unseen and possibly non-existent mine, let us not forget that he reported likewise on the Mysore Reef Company's "reefs." Again, referring to the extract from the Leadville Mining Index, in this week's Journal, respecting the Olathe Company, one is struck by the fact that the same Chairman, Mr. T. E. Foakes, is—according to Skinner's Year Book—chairman of that company, the above Haven, and Mysore Reef; and if there is any truth in the Leadville paper's statements, position being admitted in the Haven, I should much like to know what directors consider their duty. It is quite olear they cannot in some cases (and I fear in most) make such enquiries before lending their names as any business man would do in purchasing anything on his own account, while they should be doubly clasing anything on his own account, while they should be doubly careful as trustees for others. Are they?

J. H. Allen. Liverpool, Feb. 1.

THE GOLD AND DIAMOND FIELDS OF SOUTH AFRICA.

THE GOLD AND DIAMOND FIELDS OF SOUTH AFRICA.

SIB,—The year 1882 does not open as bright for South Africa as I could wish. Messrs. Gan, Locke, Goodliffe, and Co. have succumbed to the speculation of diamond mining scrip. Mr. McKenzie, of Cape Town, has also been obliged to surrender his estate, with liabilities to the amount of 451,5704. 4s. 4d., of which 288,0904. 10s. is represented by diamond mining scrip, which were sold to him at most absurd prices. How a person of such general business aptitude as Mr. McKenzie should be led into such extensive mining speculations without professional advice I cannot understand. In my opinion the surrendering of his estate is the best thing that could have happened, inasmuch as the diamond mining scrip which he held are not surrendering of his estate is the best thing that could have happened, inasmuch as the diamond mining scrip which he held are not worth more than 9000*l.*, or thereabouts. The only companies that are likely to pay dividends in the Kimberley Mine during 1882 are ...the Standard, 20 per cent. for the year; Rose Innis, 15 per cent.; French, 36 por cent. (ought to pay 50); British, 40 per cent.; Barnato, 32 per cent. for the year, The Central Company is likely to pay at least 80 per cent for the year. Capitalists will do well not to touch any companies in the Kimberley Mine unless those named, inasmuch as many claims are buried under fallen reef; in many others the diamond soil will not pay to wash after it has been broken and sent to the surface; and many claims valued at high prices exist. nt to the surface; and many claims valued at high prices exist

ally on paper.

The latter is a fact to which I wish to draw the particular atten-The latter is a fact to which I wish to draw the particular attention of capitalists, because I notice that some of your correspondents make the Kimberley diamond formation to consist of 800 claims of 30 ft. square, whereas at no time has the Kimberley formation consisted of more than 416.4 claims of 30 ft. square—equal to 376,625 square feet. The formation is somewhat oval in shape, and the sides all round incline towards the centre; consequently, from the surface to the extreme bottom of the mine about two and a-half claims have cut out all around the formation. This is a very unpalatable fact to reef claimholders, but it is a fact nevertheless. The Central and French Companies are so situated that they will have diamond have cut out in around the formation. This is a very unpairatable fact to reef claimholders, but it is a fact nevertheless. The Central and French Companies are so situated that they will have diamond soil so long as the mine is capable of producing a load. Some of your contemporaries ask why I do not name the worthless companies. This is quite unnecessary when I name the only companies that I know to be good. The news from Bultfontein is by no means satisfactory; there appears to be an unproductive layer coming in at one side, which is cutting out the payable diamond soil. It may be only temporary, but at present it looks serious. The Kamfersdam Company intends washing for diamonds in a few days, and the shareholders are looking forward to the result with a great deal of anxiety. The stuff looks very well, and I have very little doubt in my own mind but what it will turn out all right. At Jagersfontein there is some very rich ground, which, if properly managed, would pay well, but cannot possibly pay under existing circumstances. Koffyfontein does not improve as yet, but there is a fair prospect of getting a payable mine if properly conducted. Olifantsfontein is of no value, and the Victoria Mine and Taylor's Kopje are of the fish type. At Otto's Kopje they have again commenced to haul water, but I think they had better save their money.

The curse of Kimberley is the wealthy illicit diamond buyers, who, the local papers say, get others to buy for them. There is scarcely day newes that one of our lead read read the read the payable mines the proper day are set that one of our lead read read the payable mines and the payable mines are the payable mines and payable mines are payable mines.

The curse of Kimberley is the wealthy illicit diamond buyers, who, the local papers say, get others to buy for them. There is scarcely a day passes that one of our local papers do not refer to the big fish, who are the main stay of the illicit traffic, who they say are never caught. Now, to write in this way they must have some particular individual or individuals in their mind. The persons who have already been convicted of illicit diamond buying begin with the raw Kaffir, the civilised Kaffir, the low canteen-keeper, and the proprietors of good hotels; clerks, shopkeepers, and big diamond merchants; and even a Town Councillor has been tried and convicted of the crime—and yet the papers say none of the big illicits have ever been caught. Now, the people of Kimberley who are classed big ones above a Town Councillor are very few indeed; and, consequently, when the papers say no big ones have been caught it reduces the

shady side of Kimberley; but I say, without fear of contradiction, that the Mining Board is ruining the Kimberley Mine—and not-withstanding the almost fabulous richness of the French and Central Companies, I would not advise capitalists to invest in any mine under such control. The Government has acted wise on one occasion towards the Kimberley claimholders. It will do well to go a little further, and substitute the Mining Board by a Commissioner of Mines. News from the Transvaal is very unsatisfactory, as several border chiefs are at war with each other. One party is said to be led by Englishmen, another by Dutch. I have just seen several diggers from the Transvaal gold fields. They complain of the Government.

They speak highly of some parts of the country, and if the Government act honestly towards the diggers they shall go back again. I have heard before that Pilgrim's Rest has been exhausted; consequently capitalists must be careful to send their own inspectors to examine anything that may be offered from Pilgrim's.

The Kimberley Waterworks progress very satisfactorily. The share market has been dull, probably owing to the Christmas holidays, which lasted about ten days.

Kimberley, Jan. 5.

Kimberley, Jan. 5.

GREAT SOUTHERN MYSORE GOLD MINING COMPANY.

SIR,—The reluctance which actuated Mr. Richard Barker, M.E., F.G.S., to publish his letter of Jan. 11, signed "Fjan Roo Chak," and that in the Journal of Jan. 28 with his own name attached, is very apparent indeed. Whatever his object may be or his interest in this company the discussion of Siamese matters can have nothing whatever to do with this company's affairs, neither can it place this company in a better or worse position; therefore, he will excuse me if I decline to have anything to say about the Siamese gold mines, pany in a better or worse position; therefore, he will excuse me if I decline to have anything to say about the Siamese gold mines, which matters appertain only to the Siamese Government. At aproper time and on a proper occassion I am fully prepared to discuss it. As to Mr. Barker's assertion that "gold mining by Europeans in Siam was practically at an end when his Excellency the Kalahome stopped the finances of this Excellency the Kromatah," I most emphatically say that he knows nothing whatever of the matter, as neither the one or the other had control of such finances, either directly or indirectly, in their respective capacities in connection with the Siamese Government. Mr. Barker seems to take a little pride in showing that he has seen something of Siam; but allow me to tell him that there are other "living engineers" who have seen a great deal more of and in Siam than he has ever even dreamed of. Having a knowledge of his visits to Siam I know that his knowledge of Siam is very limited and superficial, and if his knowledge of mining is not more accurate than that of Siamese matters he is not very likely to undo much of the serious injury to gold mining which he accuses me of having done. I would ask Mr. Barker which "is entitled to the respect of all right-thinking men?" My "frank and manly defence" against his letter of Jan. 11, or the "injury I was doing to gold mining generally," as his remarks on this point seem to me to be rather vague. Whichever it may be, or whether he intended that both remarks were entitled to this respect I own he is quite right, as he has not stated where the information was derived from that I was "fifteen years in the employ of the Siamese Government," neither has he vouchsafed any information as to what gold mining companies were injured by any remarks made by me. Mr. Barker also accuses me of persistent attacks on this company, and quarrelling with my bread and butter; neither of these statements are at companies were injured by any remarks made by me. Mr. Barker also accuses me of persistent attacks on this company, and quarrelling with my bread and butter; neither of these statements are at all consistent with facts. I have in no way attacked the company. I have simply defended myself from the attacks they made on me in the report issued by the directors, which I have no doubt Mr. Barker has had the pleasure of perusing. As to quarrelling with my bread and butter I cannot yet afford to do so—perhaps from the consciousness that I would much rather earn a crust of bread or a "tatey pastey" by the sweat of my brow than I would roll in luxury at the expense of knowingly wronging others. Whatever Mr. Barker may consider about the matter I have an easy conscience—a little matter with which Mr. Barker is possibly not much troubled—in knowing I did both the property, the company, and myself the fullest justice in condemning it as not being worth prospecting. I did the company justice in telling them so, and I did myself justice by not holding out hopes to the company which I did not believe in myself, and had the directors acted in the same spirit of justice they would either have discharged me and appointed someone else in my place, or have placed the matter before the shareholders for their consideration when they received my letter of June 11, 1881. This company to the same spirit of the company of the strength and the strength at least to the company of the shareholders for their consideration when they received my letter of June 11, 1881. This company that it is the same spirit of the company of the same spirit of the company details to the company d or have placed the matter before the shareholders for their consideration when they received my letter of June 11, 1881. This commends itself to "every right thinking man." In speaking of India as a country which has produced gold for centuries it has no bearing whatever on the property of this company any more than the fact of gold having been found in Wales has to do with an assertion that a paying gold mine might be found in the limestone quarries of Derbyshire, the coal formations of different parts of the British Isles, or the chalk cliffs of the south-east coast of England. Neither does the sketch of "a gold field," shown by Mr. Barker, bear the least comparison with the property in question. As to "ranning a trial level right across a square mile block," I own that —as Mr. Barker shows—I did not do it, neither was it possible to do so there, seeing I had only a quarter of a square mile block to operate on, and whatever may be Mr. Barker's method of prospecting, I prospected the property enough to convince myself of the value of it before I ventured to send an opinion to my directors, although my first thoughts on examining the property were—" Well, if I find

of it before I ventured to send an opinion to my directors, although my first thoughts on examining the property were—"Well, if I find a paying gold mine here I shall never wish to see another."

In conclusion, allow me to notice a remark of another correspondent—"A Careful Examiner." He states that "irrespective of the work there had not his amont propre been wounded by having to consult a 'superior.'" Whether he may believe my statements to be correct or not, and whether he believes the affair to be a swindle or not, I can assure him that no consideration would have kept me there as long as I stayed had I enjoyed the privilege of resigning my position, as I have not the least ambition to remain in any posimy position, as I have not the least ambition to remain in any posi-

tion where the principles of honesty, straightforwardness, and truthfulness are not appreciated.

Late Manager Great Southern Mysore Mine.

Coxwell-road, Ladywood, Birmingham, Jan. 30.

MINES ON THE GOLD COAST.

crime—and yet the papers say none of the big illicits have ever been caught. Now, the people of Kimberley who are classed big ones above a Town Councillor are very few indeed; and, consequently, when the papers say no big ones have been caught it reduces the circle to a minimum.

The Mining Board elections took place on Jan. 3, and if their conducts on that occasion is a fair sample of what we are to expect during the current year I say God help the legitimate and good companies. It. Caldecott, on behalf of the French Company, protested against the disgraceful manner in which dummy votes had been arranged for the purpose of carrying the election in favour of unprofitable companies. The following, out from this morning's Diamond News, gives a good idea of the state of affairs:—

Mr. Convous: I also have a protest from the Central Company. [Mr. Corynows: I also have a protest from the Central Company. [Mr. Corynows: I also have a protest from the Central Company. [Mr. Corynows: I also have a protest from the Dentral Company. [Mr. Corynows: I also have been submited to the fact, and i albumit that your Worship as the theologing to Mr. Q. I should also call attention to the last day to the purpose of manufacturing faggot votes, and unduly influencing the election. —Mr. Hanstorf warned Mr. Corynom that he would be held answerable for his works.—Mr. Corynom: I am using the works advisedly. I say that I-80th of the purpose of influencing the election. I would also call attention to the fact that no objections have been repaired for the purpose of influencing the election. I would call the attention of the fact that no objections have the repair of the objection of claims were only transferred without valuable consideration to dummy bidders for the purpose of influencing the election. I would also call attention to the fact that no objections have the repair of the objection of the manufacture of votes in order to swamp between the purpose of influencing the election. I would also call attention to the fact that no obj

sumed the management, and surely, even allowing for the difficulties attending starting new mines, some tangible result ought to have been arrived at, especially after so large an amount of money has been arrived at, especially after so large an amount of money has been spent; but from what I am informed I think there is little doubt that money is, and has been, spent in a way which is not altogether for the advantage of the Callao Bis Company. According to Mr. Downes' own reports, he has only sunk some 30 ft. on the Azales shaft during four months; and I wish to ask if it is not true that the ventilation of this mine at the bottom is so bad that the men after blasting have to wait an hour or two before going down again, and this at a depth of only 160 ft. from surface ! Here is a property said to have produced quartz assaying 1600 ozs. of gold per ton, yet during 12 months not even a bar of gold has been sent home. With such quartz as this, or even with quartz a thousandth part as rich in from the Transvala gold fields. They complain of the Government topsaling the Gold Laws after the place has been declared public for so many years; but they say, with the exception of nine claims held by a few Australian diggers, Pilgrim's Rest gold field is exhausted.

They say the place, too, is very unhealthy, and not fit for Europeans.

of some hundreds of ounces of gold monthly. The machinery for extracting gold from mineral of this value need only have been for the time of the crudest description. It may be replied this is an out of the way place, but such is not the case, for the great Callao Mine is within a stone's throw of Mr. Downes' house, and adjoins the Callao Bis property. The town of Callao itself contains a population of some 3000 people, of which many are skilled artizans.

The Callao Bis Company hope to derive great benefit from the discovery of the Callao vein. This is supposed to be the secret of success. No vein has yet been discovered, although it has been found by the Callao people at a depth of 30 fms. a short distance north of this company's boundary. Mr. Downes has now a pump and hoisting machinery. I understand very little progress is being made in the main part of the shaft of this portion of the property. Ten months ago it was 120 ft. deep, and by last reports it was only a few feet deeper. Now, as regards the 20 stamps mill the greater portion of the machinery arrived at the mines the latter portion of August, and although I believe the different parts were duly prepared for immediate putting together Mr. Downes alters all, and lets a contract for \$10,000 to only erect, and it is not near completion yet. tract for \$10,000 to only erect, and it is not near completion yet. The mill has also been put up a mile from the Yuruari river, from which water will have to be pumped at an immense constant cost, besides which the company have nowhere to discharge their tailings except through a long tail-race, which will have to be constructed through the town of Callao.

through the town of Callao.

Some enquiries ought to be made as to why the company's representatives have paid 12 cents per pound freight for their machinery from the Orinoco to the mines, when the usual charges for the same and supplies ranges from 5 to 7 cents per pound. I should have thought the 200 tons of Callao Bis machinery ought to have been carried at least at the minimum rate. The difference in this item alone means the sum of over 4000%. Some time ago it was stated Mr. Downes had 400 tons of quartz broken. Accepting this estimate as correct, will the whole of this pay to put through the mill, or even a quarter part of it? In conclusion, I should like to ask if it is not a rather dilatory and expensive mode of mining to produce in twelve onths (say) 400 tons of mineral, at a cost of over 10,000/
London, Feb. 2.

LA VERDAD.

OLATHE SILVER MINING COMPANY.

SIR,—I observe in last week's Journal another comment on the above company from the Leadville Mining Index. Since the telegrams received last August from "Ashton," who described the thousands of ozs. per ton on the property, and great excitement at Leadville in consequence. Nothing further has been heard about the mine except the firm of Lord and Co., of New York, are respectable, and that attacks on the property were through jealousy of disappointed speculators; also a book was issued entitled the Ouray Discovery and Mining Company, which I fail to see has anything to do with the Olathe. I admire the caution of J. Fitz Brind. Even if that gentleman has changed his mind since seeing the plans be cannot vouch for a single ounce of silver having ever been found on the property.

PROFITABLE GOLD MINING IN AUSTRALIA.

PROFITABLE GOLD MINING IN AUSTRALIA.

SIR,—The late accounts of gold mining from Australia, whether in Victoria, New South Wales, Queensland, Tasmania, or New Zealand, are of a most encouraging nature, and tend to show the rapid progress the colonies are making in developing their resources, and the ample room there is for legitimate investment in gold mining with every prospect of profitable returns, and I can but think if capitalists and investors would but turn their attention to Australian gold mining investments they would be more certain of obtaining substantial results in the shape of good dividends than they are likely to get from other countries which appear to obtain their special favour. The colonies that have produced such an enormous amount of gold during the past 30 years, amounting to over 275,000,000l., and the gold fields which are still producing such excellent results, are worthy of more serious attention than has hitherto been paid them. Month after month does the steady gold supply from Australia keep pouring into the English market, benefitting alike all sections of the community. The large alluvial gold field lately opened up and now being so profitably worked near Ballarat, as also the rich and extensive quartz reefs lately discovered on that celebrated gold field, has given a great impetus to the mining industry of Victoria, rivalling the most palmy days of the golden colony.

New South Wales is also emulating the enterprise displayed in gold mining by Victoria, and several of the new fields are being worked with much success, as also many of the older ones. It may not be uninteresting to many who are interested in gold mining to contrast the difference of efficient and successful management of gold mines in Australia with some of the bubble concerns that have absorbed so much capital in other countries, and which offer but little hope of success. The following is a list of some of the dividend paying gold mines in Victoria, which have paid upwards of 50,000l. in dividends, and are now

mines in Victoria, which have paid upwards of 50,000l. in dividends, and are now in active operation, in most instances with many years of profitable work before them. The history of many of the old mines that have been worked out, and from which wast amounts of gold has been raised, would be a matter of interest if the statistics were at hand. Many millions have been paid in dividends from private mines, small co-operative parties of miners, as also of joint-stock companies, of which no record can be got, the bulk yields of gold being only accounted for in the general statistics. The Australasian Insurance and Banking Record, of Nov. 10, 1881, gives the following on a portion of a list of dividend varying mines in Victoria. lowing as a portion of a list of dividend paying mines in Victoria:-

	Name of Company	District	Capital paid up.	1	Dividend
	Name of Company. Long Tunnel	Walhalla	£12 000	4	2786,000
	Pleasant Creek Cross Reef	Stamoli			780,742
			21,250		680,941
	Garden Gully United		21,614	0.0.0	
ĺ	New North Clunes		37,008		487,734
	*Band of Hope and Albion Consols.		449,000		413,640
	Great Extended Hustlers	Sandhurst .	24,500		336,300
	†Egerton	Egerton	93,750		219,680
	Great Extended Hustlers, No. 1 Tribute	Sandhurst.	4,200		194,600
	Queen's Birthday	Dunolly	6,750		186,750
	United Hustlers and Redan	Sandhurst .	4,800		109,20
	Extended Cross Reef	Stawell			95,083
	Clunes	wint II	30,000		109,43
	Johnson's Reef		69,300		130,193
	Lazarus No. 1				75,377
	New Chum Consolidated				71,400
	South Clunes		40,000		71,000
	Ellesmere				73,850
	North Old Chum				68,177
	North Johnson's			***	64,42
	Old Chum			***	59,06:
	Lazarus Company				51,750
					51,300
	Ellenboro				
	Black Horse				62,250
	* Band of Hope and Albion Consols in the same capital as mentioned above paid				CHAIRIS OF
	t The mine now known as the Egerto	n had been s	necessfull	v w	orked by

various parties since 1855, and large yields of gold produced therefrom. A few years since, the mine was held by a private owner, who sold it to the present company for about 15,000 f, including the plant and machinery, and the dividends paid of 219,680f. are really the profits on that purchase.

dends paid of 219,880L are really the profits on that purchase.

There are many other companies not mentioned, such as the Port Phillip and Clunes Companies, which have raised gold from their mines to the value of 1.625,529L, and paid in dividends and royalty 366,166L, as mentioned in the reports ending June 30, 1879.

The foregoing list of some of the profitable gold mines now in active operation in Victoria is only a small proportion of the number of first-class dividend paying mines now in work, as within the last two years a large number of new mines have been added to the list, some of which have paid enormous profits on the capital invested. In several of the companies above named the nominal capital quoted is much beyond the amounts expended in the mines, the nominal

able gold mines will show that gold mining when conducted under economical and skillful management, and sound judgment exercised in the selection of mines, is often attended with satisfactory results. The late returns from the gold fields in the several Australian colonies fully justify the investment of capital in legitimate mining pro-THOMAS CORNISH, M.E. perties from that part of the world.

Gold Mining, its results and its requir 81, Fenchurch-street, Feb. 2.

MINING IN CORSICA.

SIR,—A friend of mine who is at present in Corsica, and who has visited the Olmeta and Lama Mines for the second time, writes as follows, under date Jan. 30:—"The opinion I sent you some years ago about them I have more reason than ever to think was a correct one. I said I believed Olmeta would first be in a position to pay its way, but that Lama would eventually be the most profitable. Now, there is no doubt that Olmeta could have paid its way for several years past if it had been worked and the mineral treated in Corsica; and I am sure no copper mine in Corsica that has hitherto been worked I am sure no copper mine in Corsica that has hitherto been worked has promised so much as Custicello (Lama) now does at the same stage. The three lodes that are being worked are strong and regular, and when you remember the greatest depth is as yet only about 12 fms. and when you remember the greatess depth is as yet only about 12 lims, you must admit they are not at a depth where no further improvement is to be expected. During the last 18 months the work that has been done is upon a carefully planned and reasonable system, and the result is that the existence of a good mine is now really established. Copper is I see 101. per ton better than when I last saw the A SHABEHOLDER.

CHILE GOLD MINE.

SIR.—If your correspondent "One From Venezuela," who mentions the Chile Mine while on the subject of the Nouveau Monde, could say a word in favour of the present prospects of the Chile Gold Mine he would confer a favour on those who are unaware of the reasons why the mine is quoted 50 per cent. discount before even the manager has entered on his duties.

AN ORIGINAL SHAREHOLDER.

AN ORIGINAL SHAREHOLDER.

HOOVER HILL MINING COMPANY.

618,—It is not at all surprising that your correspondents "A dissatisfied Shareholder" and "Aurum" have at last given expression to the "muttered" growls, "not loud but deep," of the long suffering Hoover Hill proprietors. Being in the habit of retaining prospectuses, reports, and other documents connected with companies in which I have an interest, I have since the appearance of "Aurum's" letter looked through all those relating to this company, and with letter looked through all those relating to this company, and with your permission I desire to call the attention of any brother share-holders through the Journal to a few matters which strike me as

holders through the Journal to a few matters which strike me as interesting, to say the least:—

1.—"In October last," says the prospectus, "Mr. Josiah Remfry, a mining engineer who has had great experience in gold mining, was sent out to make an independent inspection of the property." It is to be observed here that the prospectus does not say by whom, on whose behalf, or at whose request Mr. Remfry was sent out, thus leaving it in doubt whether he was sent out by the vendors or by someone else connected with the launching of the company. Nor was this point mooted, still less cleared up, at the statutory general meeting held on May 10 last, at which the Chairman said:—"The company was registered on Jan. 15, 1881. It will be within your knowledge that previous to that date Mr. Remfry, a mining engineer of considerable experience, had paid a visit to the mines and had made a report on the property."

experience, and pand a visit to the property."

2.—On March 25, 1881, Mr. Remfy reports:—"I have found out that Briol's shaft proper stands a few yards back of Briol's open-cast, from which the samples (? those mentioned in the prospectus) were taken, and that this pit is 140 ft. deep, with ore at the bottom far richer than any of the places we have tested. I should like to get at this." So would the shareholders say I.

""With all these men," writes Mr. Remfry same date, "break-

at this." So would the shareholders say I.

3.—"With all these men," writes Mr. Remfry same date, "breaking away good ore three months in advance of the mill, I think we shall manage to keep well shead of the stamps." They certainly have been entirely successful in this!

4.—On April 2, 1881, Mr. Remfry reports:—"At little expense I can run in an open cutting from the side of the hill close to Briol's carrying with me the entire width of the currying.

30 to 40 ft. in width, and 20 ft. high. All this stuff appears to pan very well. This quarry alone would keep a brave lot of stamps going." So I should think, and I imagine my brother shareholders think so too.

think so too.

5.—On April 27, 1881, Mr. Remfry reports: " I mentioned in my last of the 19th inst. that we had drained the Provost and Gallime shafts. This has been much more quickly realised than I expected I have been down them, and once more reassured myself of the existence of this big quartrite dyke. In no one place has this dyke been pierced through, but it is opened out over 25 ft. wide in one of the pits. I have again broken from this mass, hard as flint, pieces from all parts, which after bruising down and panning show a gold yield equal to the assays made from these places." As to which see proceedings of the property of

spectus.
6.—On June 6, 1881, Mr. Remfry reports:—"I have been assaying in the last two days ore broken from the present workings, and from surface in many places. The lowest assay was \$18 per ton from surface ore up to \$155 taken from the present end in Gallimore. It will, indeed, he an extraordinary thing if we obtain good results in panning and assaying and not in the mill; but I feel satisfied that we shall have good results." Compare this with what Mr. Remfry writes on September 3, 1881, after the commencement of actual crushing:—"One point is fully demonstrated, that our sulphurets hold a large yield of gold, which, as I expected, our free milling process does not touch, and which will have to be extracted by some other process, or concentrated and shipped."

cess does not touch, and which will have to be extracted by some other process, or concentrated and shipped."
7.—On September 14, 1881, Mr. Remfry reports:—" Mr. Sawyer, the assayer, has arrived and is at work..... We are going through a systematic series of assays from the mine downwards..... As I have said, with the assistance of Mr. Sawyer, I an carefully completing a series of assays, which I hope shortly to forward." And of which nothing has since been heard by the general body of the share-ballors! holders!

On October 5, 1881, Mr. Remfry reports :- " All our sulphurets

8.—On October 5, 1881, Mr. Remiry reports:—"All our sulphurets are being caught for future treatment. I am preparing a parcel to send to New Jersey as an experiment." And of which nothing has since been heard by the general body of the shareholders!

9.—On October 24, 1881, Mr. Remiry writes:—"The value of these sulphurets and sand was ascertained by assay, and their value added to the free gold obtained. I am making a few test experiments, and will soon be able to give you the results obtained." And of which

will soon be able to give you the results obtained. And or which nothing has since been heard by the general body of the shareholders!

10.—Mr. Remfry's report on November 15, 1881, on the grand discovery in Gallimore is too long to quote, but it is significant to note that in re-publishing his statements the New York Mining Record

that in re-publishing his statements the New York Mining Record (December 24, 1881) remarks—"We apprehend that there is great exaggeration in these reports."

11.—I strongly advise shareholders to read page 448 New York Mining Record, November 5, 1881, if they have not already done so. 12.—On December 14, 1881, Mr. Remfry writes:—"A box of Gallimore ore weighing 500½ lbs. was dispatched from here yesterday, care of Messrs. Godwin and Sons, shipping agents, New York, to be forwarded to you." Again January 15, 1882, Mr. Remfry writes:—"A barrel of sulphurets was sent on to Godwin and Sons for shipment some time back." "Some time back " of course means December 13, 1881; but apparently Mr. Remfry did not care to take the trouble of 1881; but apparently Mr. Remfry did not care to take the trouble of

looking back to ascertain the exact date!

13.—On January 15, 1882, Mr. Remfry also reports:— "I am now ranning through the mill the ore broken and obtained from driving Briol's shallow tunnel; a careful report of results obtained shall in due course be sent forward." It is much to be hoped that this "careful report" will see the light, which has not been the case with the

careful reports" on certain other matters!

I could go on longer, but I think that I have written enough to aduce the shareholders to take a more active interest in future in their property than they have hitherto done.

But I beg to ask:—

1.—On whose behalf did Mr. Remfry make the visit to the property which resulted in his report dated November 15, 1881?

2.—Why were not active steps taken long since to obtain accurate information on the various matters mentioned in this letter?

3.—There has been plenty of water at the mine since November 1 1881. Why then were not active steps taken long since to compel the resident engineer to properly and continuously work the stamps in order to ascertain whether the shareholders are really likely to

in order to ascertain whether the shareholders are really likely to get anything out of the property?

I should add that on the 24th ultimo I was told at the office that the directors had decided to make a change in the management.

But is this enough? For my own part, considering the allegations quoted in the New York paper of Dec. 24, 1881, mentioned above, I am strongly of opinion that it would be advisable, if not actually necessary, to send out our most practical director (or some considerable shareholder of undoubted standing with mining experience), accompanied by a mining engineer, to report to the shareholders as to the real value of their property.

BASIL PORTER. to the real value of their property. Whitehall Yard, S.W., Feb. 1. BASIL PORTER.

EUREKA (NEVADA) MINING DISTRICT.

-I have the pleasure to hand you my usual budget of news

Society of the pleasard to main you my usuar budget of news eceived from this mining centre:—

More assessment work has been done in this district this year than ever before, his indicates that old mining claims are now worth something.

After the snowstorm yesterday the graders on the E. and C. River Railroad ere still at work.

Thirty-two mining claims have been recorded at the Recorder's Office since fonday morning.

Thirty-two mining claims have been recorded at the Recorder's Office since Monday morning.

The miners propose calling a meeting to request Recorder Molinelli to reduce the fees for recording mining claims.

At present there are but four furnaces running in Eureka, three at the Richmond and one at the Eureka Consolidated.

It is currently reported here that there is now more in sight in the Eureka Tunnel than ever before. Another magnificent specimen from the Eureka Tunnel was brought down to the company's office on Sunday evening by the assayer, who stated that that kind of rock would assay about \$1500 to the ton. It was taken from a drift run from the 50 ft, winze station. It shows black metal and yellow chlorides in abundance. As are as explored by the drifts the ore body is growing stronger, and every day adds to the value of the mine. Slight trouble is being experienced at the bottom of the winze from impure air, a depth of 50 ft, having been reached on the incline in solid ore. Air-pipes have been ordered, and will be placed in the Tunnel as speedily as they arrive. This will necessitate a furnace, for which the brick, &c., have already been purchased. The north drift of the Tunnel is also showing exceedingly well, and the bonanza in that direction is confidently expected to be developed in a short time. The ore so far encountered in this drift shows strong in gold. There are now 20 men employed in and about the Tunnel, and the force will be doubled when the airpipes are laid.

that direction is confidently expected to be developed in a short time. The ore so far encountered in this drift shows strong in gold. There are now 20 men employed in and about the Tunnel, and this force will be doubled when the airpipes are laid.

The richest ore yet encountered in the Eureka Tunnel, according to the official report of Maurice Hartnett, the foreman, was struck on Thursday night in the south drift from the 50 ft. winze station. The drift has been passing through richer ore for several days, and has now entered a formation of quartz which excels anything yet found in the mine. It is strong and solid, and pitches to the south-west in the heart of the mountain. Another drift is being run north from the same station, but this displays a different character of ore, not so rich, and mixed with limestone. Work is continued in both of the drifts by day and night, and every effort is being made to explore the ore body as speedily as possible. Other points in the Tunnel are exhibiting interesting features. The two north drifts from the 800 and 900 lines are actively pushed ahead. The air spure, and the temperature pleasant. The drift from the 900 point is in 80 ft. and has encountered in an upraise, during the present week, a narrow vein of ore considered low grade, but which occasionally gives veryingh assays in gold. Car-tracks have been laid to the mouth of the upraise, which greatly facilitates the work. The drift from near the 800 point is in 80 ft. and has encountered in an upraise, during the present week, a narrow vein of ore considered low grade, but which occasionally gives veryingh assays in gold. Car-tracks have been laid to the mouth of the upraise, which greatly facilitates the work. The drift from near the 800 point is in about 70 feet. It has followed the 4 ft. streak of galena ore recently struck some 80 ft., but so far it bas not improved either in richness or extent. A number of small veins have been traced from near the present face of the drift in different directions, but they have

reckal. Beveral days ago Mr. O. J. Salisbury and Mr. Dick Berryman visited the meka Tunnel, and took away three samples of ore, which they tested over at its Geddes and Bertrand. The specimens were \$3500, \$3400, and \$3253. The liver buttons to which the 3 ozs. were reduced, about the weight of a locent see, are refreshing to the eye of the miner for themselves, for the satisfactory lowing that they indicate. They were presented by Messrs, Salisbury and erryman to Mr. E. J. Butler, secretary of the Tunnel Company, by whom they is held as pets.

erryman to Mr. E. J. Butter, secretary of the Yunnet Company, by whom they e held as pets.

Prof. Joseph Grandlemeyer visited the Eureka Tunnel yesterday. He says at the people of the district have no adequate conception of the grandeur of e enterprise and the magnitude of the developments which are in prospect. It Professor is familiar with all the formations that are characteristic of this strict, and his metallurgical experience otherwise is very extensive, so that a continue is variety to a valuable.

trict, and his metallurgical experience otherwise is very extensive, so that ophinon is valuable. The profits of the Richmond Mining Company during the past six months, for paying all expenses, have been over a quarter of million dollars. Dre was struck in the main shaft of the Ruby and Dunderberg, which is now wn a depth of nearly 800 ft., and they are still sinking. Since the resumption of work on the Bowman Mine property no time has been it. About 40 tons of ore are being extracted and shipped to the furnaces every onth that average over \$100 per ton. Seventeen men are employed in the mine d above ground, and the mine is paying expenses. Mr. H. Joseph, who was rough the Bowman Mine yesterday, says there is a splendid prospect devened on the 113 ft. level. The vein is striking north-west and dipping northst. The ore carries three-fourths of its metallic value in gold. At 8hoo Fly the west drift, 112 ft. from the surface, is in a formation between artaite and shale that resembles low grade ore, and a bonanza is looked for illy. The north-west drift shows greater width of formation between the walls an was expected.

daily. The north-west drift shows greater width of formation between the walls than was expected.

A piece of galena ore carrying considerable "black metal," taken from the Queen Mine, Silverade District, was brought in yesterday, which is said to assay \$2500 per ton. This mine has been a good paying property, the owners of it having been able to erect out of the proceeds of their work steam hoisting works. Developments are going on all the time, which the mine pays for, and more. The main shaft is of size 6 ft. by 8 ft., and is down 215 feet. A drift is run off northerly from the shaft, from which a winze has been sunk 25 ft. on a veiu of ore 2 ft. thick, that runs clean across the shaft. This ore will work an average of \$300 per ton, and the vein shows signs of permanence. About two years ago considerable ore was struck in this mine at a depth of 160 ft. from the surface, and was followed by an incline, in which it seemed to finish. The discovery of a paying vein of ore at the present depth is halled as a sign of a permanent paying property. The Queen Mine has already produced over \$100,000, and regular shipments to the Eureka furnace are again being inaugurated. The Queen is one of the many properties in this section that shows that mining pays—at least in Eastern Nevada.

one of the many properties in this section that shows that similarly pays—average in Eastern Nevada.

The Silver King shaft is now down 180 fms, in paying quartz of an average value of \$49 per ton. A drift 20 ft, from the bottom running north is also all in quartz of the same quality. The main shaft of the California is down 195 ft, with drifts running off in different directions, aggregating \$00 ft., with a large amount of ore of different grades showing up in all parts of the mine. It is thought that group of mines embracing the Connolly, California, Silver King, Golden Rule series, and Ruby and Dunderberg will equal Ruby Hill, all being on the same belt of limestone.

At Silver Connor at the 800 level, in the south drift, a body of ore has been rocken into that assays \$72 in silver and \$75 in gold and \$425 in silver form it about 15 ft., assays \$100 in gold and \$425 in silver quartz.

broken into that assays \$72 in aliver and \$75 in gold carbonate. Another streak of ore, apart from it about 15 ft., assays \$160 in gold and \$125 in silver quarks. As depth is attained in this mine the ore increases in size and quality.

Col. Monroe has received information by letter that a company has been organised and incorporated in Buffalo, New York, to work the Columbia Mine, located on the south side of Prospect Mountain. A cheque for \$500,00 accompanied the letter, as a starter and sign of good faith on the part of the incorporators. The capital stock of the company is \$200,000, all subscribed, of which \$800,000 is est aside for developing the mine. None of the stock is for sale. Wm. Hengerer is president, and Geo. F. Wright secretary and treasurer. Colonel Monroe is to be congratulated upon his success, and it is to be hoped he will show up a bonanza for his Eastern friends. The mine is situated in a good locality, and intelligent efforts will soon show the stockholders that their money has not been spent in vain.

A good deal has been said about the extent of the Geddes and Bertrand Works; still it will be a surprise to many to be told that they cover more ground than any other reduction works on the Pacific Coast. This statement is made without qualification. The area included—the engine apart—in 230 by 133 ft. From the comb of the roof to the lowest level (the interior is arranged in terraces) is 35 feet. It is all, fortunately, under cover, it having required \$20,000 shingles to complete the covering. This company have on the premises \$25,000 shingles to complete the covering. This company have on the premises \$25,000 bricks for early use in the construction of chimneys and furnaces. They have \$00 tons of talt on hand, and upwards of 10,000 cords of malogany wood ready for use when works with the construction of chimneys and furnaces. They have \$00 tons of talt on hand, and upwards of 10,000 cords of malogany wood ready for use when works with the construction of chimneys and furnaces. They have \$00

Dick Berryman, formerly foreman of the mine, at \$500,000 worth, the oreanging between \$30 and \$40 per ton. The furnaces will work 50 tons per day of thours; but have a capacity—if other furnaces be put in, for which place is a served—of reducing 100 tons in the same time. These facts speak for themselme. At El Dorado and Grindstone Mine the new whim and shaft-house are finished, all but hanging the doors. The collar of the shaft is finished, and the shaft is ready for cribbing. Everything is in readiness for the patent iron whim, which was delivered on the ground y esterday, and will be set in place immediately. Superintendent Reed, of the Eureka Consolidated, writes to the San Franciscoffice as follows:—No special change in the affairs of the mine this week, The 10th level drift still continues in fav unable ground. Have finished putting is iron on the Locan shaft building, and the gallows frame is about completed. Its furnace is running, and producing as usual.

Eureka Tunnel shares aimost doubled in price yesterday. The bedrock Fin of this stock should be \$5. It is worth every cent of it.

Mr. Maurice Hartnett has resigned the position of foreman in the Euch of this stock should be \$5. It is worth every cent of it.

Mr. Maurice Hartnett has resigned the position of foreman in the Euch and Change of the work in the Tunnel since it was first started; but has a number of mining properties which need his immediate attention, hence his retenation. Mr. Metic has been one of the shift boases at the Eureka Consolidated Mine for several years, is a first-class mining man, and will hereafter give his principally owned by Maurice Hartnett, and is located on the summit of Prospect Mountain. Maurice Hartnett, and is located on the summit of Prospect Mountain. Maurice Hartnett resumes work on the Industry Minet, but so from the trance of the working in the neighbourhood of 30 men.

Lawrence Hartnett is superintending the putting up of the machinery in the Geddes and Bertrand Reduction Works will be lighted by electricity. Dick Berryman, formerly foreman of the mine, at \$500,000 worth, the ong between \$30 and \$40 per ton. The furnaces will work 50 tons per d

RUBY HILL

LEAD REPORT.

SIR, -Since our last lead has followed all other metals, and have had a small fall in price of 5s. a ton, and at this figure siderable quantities have changed hands. The sales reported 400 tons rich lead at 14t. 17s. 6d.; 200 tons under 70 ozs., 14t. 100 tons English lead, 14t. 12s. 6d. The market remains very and falling, and to effect sales lower prices will have to be take although the manufacturers are well sold and have plenty of order for white lead, but pipe and sheet orders are very scarce.

ARIZONA, AND ITS MINERAL RESOURCES.

SIB.—To Arizona belongs the honour of producing the large nugget of silver (native) ever found—2700 lbs. This mass of pumetal was confiscated by Philip V., and taken to Madrid. Pure natisfiver, chlorides, ruby silver, bromides, silver glance, sulphides, compared to the product of the silver glance, sulphides, and sulphurets are the most generally distributed of the silver glance. silver, chlorides, ruby silver, bromides, silver glance, sulphides, bonates, and sulphurets are the most generally distributed of a silver ores; but there are many other varieties peculiar to the tertory. Ores which assay into thousands of dollars are of common occurrence, and create no comment. Large quantities of ore going from 1000L to 2000L per ton have been shipped from the territor and several mines are steadily producing rock that will go for 3000L to 4000L per ton. Probably no portion of the mining dome possesses so many natural advantages for the successful working ores. The climate, too, cannot be excelled, and work is carried, all the year round. The country is now rapidly being opened up railways, so that the production of minerals will greatly increated all the ten counties into which Arizona is divided are rich in min rals. Let us take, for example, Cachise county, in the extreme some astern corner of the territory. In 1877 Mr. Sheiffelin, an indome able prospector, was at Camp Huachuca, and discovered the Lucketton and the summary of the su

a gradual ascent until they merge into the Mule Mountains. For appears to be the predominating rock, though a capping of limest overlies the leading mines of the district. A notable feature is size of the lodes and the ease with which the ore is reduced. Present output of bullion from the Tombstone Mines is over 100,0 per month from 140 stamps; they ield is being steadily increased, a valuable paying properties are being added to the list of bullion per month from 140 stamps; they ield is being steadily increased, a valuable paying properties are being added to the list of bullion ducers every month. It is estimated that the bullion yield from Tombstone Mines alone this year will amount to 1,300,000. This a good showing for a mining district a little over three years of which did not drop a stamp until June, 1879.

How will Cornish and Devon mines compare with this, or example immense bodies of ore are met with sometimes 20 ft. in width; ore is found in spar and quartz, and is said to average 20% per this mine has paid dividends from the commencement, and halarge surplus in hand; there are about 125 men employed. The Great Central Company have a splendid mine; the lode is from 8 12 ft. wide, and worth from 16% to 20% per ton. The main shaft down 83 fms., with three levels. The reduction works consist of stamps, constantly at work, and having been in operation only af months, it is estimated that 100,000% has already been produced in the property is steadily increased. months, it is estimated that 100,000% has already been produce regular dividends are declared, and the property is steadily increasing in value as depth is reached. The Girard, Head Centre, Empand others of the group of mines in this district are all doing we and developing into fine paying properties. In this necessarily be resume full justice cannot be done to the immense silver lode Tombstone district. To have a proper conception of the size, in ness, and extent of the lodes a personal examination is necessalt is safe to say that nowhere on the coast have there been found bodies larger, richer, or more extensive. There are hundreds of prospects yet undeveloped which give every indication of being is prospects yet undeveloped which give every indication of being able, and which offer admirable opportunities for investment. California district, in Cachise county, is situated in the Chirk Mountains, 20 miles south of the Southern Pacific Railroad.

rich and valuable mines have been discovered here. Tin o generally smelting, carrying much horn silver, and the local large and well defined. The Texas, the first and principal mi covered, contains a large lode from 4 to 30 ft. wide; the of galena and chlorides, and averages about 8*l*. per ton; large bo ore are exposed; a 30-ton smelter has been erected. The Milling and Mining Company are the owners, who have termines in the district. The Mono Mine, in the Turquoise of 18 miles from Tombstone, shows fine ore in every level. The Direction of the Mine owners, who have the contained to the contained of the Mine, owned by New York capitalists, has a fine lode of ore, which will average about 161. per ton; this lode is from 20 ft. wide; there are several hundred tons of ore at grass. Wits favourable surroundings and fine ore bodies Turquoise is destited become an important mining district.

The great silver helt of Argana as far as yet developed, commendations and fine ore bodies.

The great silver belt of Arizona, as far as yet developed, con about 40 miles south of the bend of Colorado river, in the eastern part of the territory, and extends in a line varying in from 40 to 80 miles south-easterly to the Gila river, and southerly to the Mexican line. Leaving, then Cachise county. as I have stated, is in the extreme south-eastern part of the ter as I have stated, is in the extreme south-eastern part of the terril will now draw your attention to Mohave county, at almost extreme opposite side of Arizona, in the valley of the Color Almost every mountain range within the borders of this count seamed with rich veins of gold, silver, and copper. The dist from supplies, cost of freight, and the want of proper reduction whave hitherto prevented the development of Mohave's mineral we the Atlantic and Pacific Railroad ere long will pass through centre of the region, and a bright future is in store for it. The sores here are mostly sulphurets, carrying native silver, ruby silver glance, and other rich combinations. The lodes have gene well-defined walls: water and wood are abundant. The lack of The lodes have gene undant. The lack of well-defined walls; water and wood are abundant. The lack of duction works necessitated the shipping of the ores to San Franata heavy cost. Ores that were not worth 1001, per ton left no at a neary cont. Ores that were not worth low, but he to the owner. The great riches of the mines of this county has conclusively proved, and all that is wanted to cause it to becolarge bullion producer is cheap transportation, which is not far Very little mining was done in this county before 1871, but now are dozens of mines nearly all doing well. The Lone Star, in Halapar district, is 33 fms. deep, with 50 fms. of levels driven lode is worth 30l. per ton for silver, which is a sulphuret carr, ns of c The

> worki lo test

27, 10s. 6d

t the rol

ase metal. The mine has produced 12,000? The Connor has a 3ft. ode assaying 20l. a ton; shaft sunk 16 fms carries both gold and liver; has produced 4000l. The Donohue, Rogers, Oro Plata, and many others are fine properties in an incipient state of prosperity. Camelford, Jan. 31.

LEAD MINING IN BRITISH BURMAH.

LEAD MINING IN BRITISH BURMAH.

SIB,—I have just acquired extensive mining privileges from Gorenment over a tract of land containing vast lead deposits in British Burmah. The surface ores assayed by Messrs. Johnson and Matthey gave 74:60 per cent. of lead and 13 ozs. of silver, and I have abundance of water carriage, splendid timber, moderate labour, and a good market. I have until December to prospect seven square miles then I am to select four square miles and keep them for ten rear free, and after that twenty years, on paying royalty 201. per rear per square mile. This will be the first enterprise of the kind in British Burmah. The Tenasserim division in which the mine is situated is known to abound in mineral deposits, and has never been explored yet. The price of lead is high in Burmah and India, and the Government, who desire to encourage local industries, will no doubt also become a purchaser.

The late Mr. Mark Fryar, an old correspondent of the Mining Journal.

beginners, who desire to encourage local industries, will no he Government, who desire to encourage local industries, will no he Government Geologist and Mining Engineer, attracted by sas, as Government Geologist and Mining Engineer, attracted by he native statements, visited the mines and reported on them to the effect that if Government could not induce private individuals to work them, Government should themselves set an example of mining enterprise. A few references to Mr. Mark Fryar's reports, published in the official British Burmah Gazette, although they were made ten tears ago, will not be uninteresting. He states that "the most important step which can be taken by Government towards developing the mineral resources of Tenasserim is I believe that of Inducing men interprise and means from home to take leases or licenses for mineral metallurgical works, and it is in connection with this that I enterprise and means from home to take leases or licenses for minrand metallurgical works, and it is in connection with this that I
ricularly wish to point out that so far as I can now see there is
room for apprehending any serious loss to the Government from
unting favourable terms to suitable persons who may wish to beme lessees. The indirect benefits to Government by way of inasing the population of the country, increasing the acreage area
der cultivation and increasing trade and prosperity of every kind,
line doubt in the end far exceed any benefit directly derived from
ning leases, and on the other hand anyone commencing mining and
tallurgical works in the country on a large scale would not be
le to avoid some serious expenditure of money before their agents
d works could become so established as to secure profitable rems. At the same time it must be stated that a judicious organition of labour and plant, and a skilful application of machinery, rns. About and plant, and a skilful application of machinery into fail to secure most successful results in dealing with the

neerals of the country.

Great inducements in all respects should (he remarks in another

annot fail to secure most successful results in dealing with the interals of the country.

"Great inducements in all respects should (he remarks in another place) most certainly be held out to good men who become pioneers of European workers and lessees in the minerals of Tenasserim." And with regard to the lead ore at Tee-taw-lay Hill he says—"The river Yoonzaleen is a branch or large tributory of the Salween. Myeendoung creek is from 25 to 30 miles by river up the Yoonzaleen. Myeendoung creek is from 25 to 30 miles by river up the Yoonzaleen than where I was advised to start from the river to the lead vein must be 30 miles, but I believe a much nearer road may be found from some point higher up the Yoonzaleen than where I was advised to start from." With reference to this observation, I may state that Kaydinetee is the Geological Survey Laboratory in Calcutta it is said to contain only slight traces of silver, but to be quite free from an association with other metals. The lead vein seems to dip at an angle of 60° from the horizon in a south-west direction, and to extend longitudinally in a north-west and south-east direction.

The vein had nowhere been so exposed, Mr. Fryar adds, by excanations as to enable me to form a correct estimate of its thickness or productiveness, but from what I was able to see first of the disposition of the ore in the matrix, and second of the matrix telf—easily worked vein of lead ore. Indeed this is the best blace for lead mining that I have yet seen in Tenasserim 1 have and that the place where the vein has been discovered on the hill is shout 300 ft. above the general level of this country. From this it belows that mining could not be pursued to nearly this depth with the strength of the place for minerals are likely to succeed in obtaining profitable results. The vein is in my opinion is a valuable one, and any be profitably mined, but in this instance, as in most others of the kind, there is required an expenditure of capital in preparatory works before profits can be realis kind, there is required an expenditure of capital in preparatory rks before profits can be realised. I have not sufficient data from ich to form even approximately an estimate of what capital would equired for a mine and smelting at this place, but by taking a eral view of the matter, and from the experience I have had of ing work with the natives of India, I should say that a lakh of ess (10,000*l*.) would be sufficient.

W. O. L.

consecutive hours, or thereabouts, and carefully dressed. The were 16 tons of yellow copper ore, worth about 90l., produced orking cost of 12l. 8s., or (say) 1s. 10d. per ton.

test the mineral practically for gold, &c., a 5-ton parcel was a from the 121 wagons of the lowest grade rock, and submitted y method of amalgamation, and yielded over 2 dwts. of electrum the ton, saving all the contained copper ore, &c., simultaneously a marketable condition. To test the auriferous value of the rock mass further, a parcel of 15 tons was taken, containing a concuous proportion of arsenical pyrites (mispickel). This was subtled to similar treatment, and the electrum obtained was over In this case also the pyritous matter was obtained marketable state.

ring these several trials of 5 and 15 tons no appreciable

have reached 160 tons, without any additional labour cost. The mine is now capable of producing twice or thrice the quantity that can be disposed of by the existing machinery, costing on an average 2s. 3d. the ton for raising.—London, Feb. 1.

T. A. READWIN.

CORNISH MINES-TRUE CASH STATEMENTS

CORNISH MINES—TRUE CASH STATEMENTS

SIR,—Can you inform me and your numerous readers and investors in Cornish mines why most of the pursers, managers and agents, and committees, refuse or neglect to produce a true statement of accounts—a cash account made close up to the day of the shareholders' meetings? A statement that all merchants' and other accounts for goods received on the mines are so closely charged up in the accounts submitted to the meetings. Why do not bankers, merchants, and others (being shareholders and attending the meetings) see that this is done? Why do bankers themselves allow the mine accounts to be overdrawn, which, as they well know, is totally at variance with the true Cost-book System? Is the bankers' book of each Cost-book System mine produced at each mine meeting; if not, why not? Remembering the West Basset bankers' book affair some years ago, shareholders in mines should remember this as being an years ago, shareholders in mines should remember this as being an important matter. Is it not, may I ask, time that a higher standard of Cornish mine management should be adopted, as so ably advocated by you in the Mining Journal and the Cornish West Briton newspaper? PRO BONO PUBLICO.

SOUTH DOLCOATH MINE

SIN,-For the benefit of the mining community I send you a few remarks on this mine and its immediate surroundings. The property is situate in the well known and justly celebrated district, of which the Carn Brea Hill may be taken as the centre, and around this hill are situated the mines that have won for Cornwall a name that has no parallel. In support of this statement it need only be said that four mines alone—Cook's Kitchen, Carn Brea, East Pool, and Dolouth—have in the last three years increased in market value no less four mines alone—Cook's Kitchen, Carn Brea, East Pool, and Dolcoath—have in the last three years increased in market value no less than 665,000l Capt. Teague might, therefore, feel himself very safe in intimating to his friends at Carn Brea Mine meeting a short time since they need not go away from Carn Brea Hill to find a place to invest their money; but notwithstanding such sound advice it is a little remarkable how few, comparatively speaking, of the outside public avail themselves of the opportunities offered to join local people in developing mines where success is as certain as any mining can be expected to be. But let a flaming prospectus be issued promising what no man in his right senses would expect, it is then the public rush headlong into worthless concerns, and to quickly find they have lost their money; hence they turn around and abuse mining, and blame everybody but themselves, where they, and they alone, a e only to be blamed, for the simple reason that they will not alone, are only to be blamed, for the simple reason that they will not follow the advice that has so often been given—join with local people in developing districts that are known to be productive. This advise is equally applicable to those who go in for an investment or a rise in market value. As an illustration, it may be stated that South Frances is now more than double the value it was three years ago. In a like period West Basset has inversed in market value interest. In a like period West Basset has increased in market value just exactly fivefold, and the shares in South Dolcoath (this mine is contiguous to West Basset) have risen in value nearly 50 per cent. in the last three months, and judging from the fine samples of ore now being brought to surface a much greater rise in the price of shares may be expected in a very short time. Investors, therefore, may do well to take advantage of the temporary lull in the market, and supply themselves with recod tred. ply themselves with good stock. Redru'h, Jan. 31. CARN BREA

SOUTH DEVON UNITED COPPER MINES.

SIB.—Since my letter ot last week the board have issued their notice of the general meeting, with reports on these mines by Capt. Richards and Capt. Clemo, of Devon Great Consols. I do not think that anyone can complain of what, under the circumstances, they have stated. They could not be expected to give any very decided opinion of the value of a lode buried under 30 fms. of muddy water, opinion of the value of a lode buried under 30 fms. of muddy water, and this is the nearest point of approach to it. But what strikes one as strange is that two inspecting agents should be called upon to report upon what, to most shareholders, would be chiefly interesting, but which was 30 fms. under water—the bottom of the mine. They saw the levels east of Brook engine-shaft down to the 110. They saw, however, that there had been a productive lode for the great length of 300 fms.; and if they had been afforded the opportunity of examining the point of the commencement of the unproductive ground, and then could have referred to a plan upon the mine showing the line of dip from the old sump at Emma to the engine-shaft at Brook, where the lode had failed, they would have quickly discovered that there was a uniform regular run throughout, from the at Brook, where the lode had talled, they would have quickly discovered that there was a uniform regular run throughout, from the point where the lode first proved unproductive west of Emma shaft, all the way to the Brook er gine-shaft. If then they could have been shown the old sump at Emma, 124 fms. deep, with the good lode there, and the bottom of Pickstone's shaft, 140 fms. deep, with the gob I lode also there, they would have seen that both of these shafts had passed through the unproductive hard ground and entered the fine clay-slate of the same character which precisely surrounded the lode

seral view of the matter, and from the experience I have had of hing work with the natives of India, I should say that a lakh of pages (10,000£) would be sufficient.

W. O. L.

Ritermead, Feb. 1.

GOLD IN WALES.—No. XXXVIII.

Sir.—Allow me to record in the Journal results of working auritous and argentiferous copper and arsenical iron pyrites at the Badir Mine, Merionethshire. After a suspension by the former projectors of eight years, in the month of May last I began to direct he clearance of this mine, the reparation of machinery, and the erect had one of the intention at the tentest was to utilise everything possible of the existing apparatus, t., some of which obviously was not of the most modern or approved description. However, in October last the ore raising and messing in a manner began, and up to the 31st ult. upwards of 3000 ensored description. However, in October last the ore raising and messing in a manner began, and up to the 31st ult. upwards of 3000 ensored description. However, in October last the ore raising and messing in a manner began, and up to the 31st ult. upwards of 3000 ensored completeous and pyritous Silurian rock had been systematically broken down, about one-half of which is stored in the mine with all of the exception of 20 tons, which have been treated by my new which for gold, or rather electrum—that is an alloy of gold, silver, c. The operation has resulted in the sale to Messrs, Vivian, at a stola, about 150 tons.

In order to test the rock and the apparatus fully and fairly within elast fortnight (with the "old Blake," out of order) I had 121 wagons the miling and passed through, trammed out of the mineral, taken through and through, trammed out of the mineral, taken through and through, trammed out of the mineral taken through of the clay-slate, it would, a working and residually and solve the hard bar, and which sent more than 250,0002. worth of ore talising 62, 16s, the ton of 20 cwts., and 60 tons on its way to Swansas, of 86 tons, of the value of 4004, some of the copper

made of the depth of the clay-slate referred to, that with your permission I will quote the words of the late Capt. Charles Thomas, of Dolcoath, thereon:—

Take a careful survey of the whole set, in order to ascertain, as far as possible, the extent and depth of that stratum in which the lodes are embedded, and with what other rocks, if any, the lode is likely to come in contact in depth. When satisfied on these points, the character of the lode, and the suitability of the stratum, do not hesitate to lay out your plans on a broad scale.

By observing these plain instructions at the South Devon Mines the hard rock and the fine quality of the succeeding clay-slate were well known long before either was met with in the shaft or any part of the mines. The stone-breaker which has caused so much loss in the mode of dressing was proved by the operation on the halvan heaps to act as represented by Devon Consols agents, set forth in the Journal Nov. 27, 1880. These heaps were valued by Capt. Clemo and Capt. Hooper to be worth 14,000l., and after Capt. Hooper had operated upon them through the aid of the stone-breaker for some weeks the whole result of the dressing was that no value was left to report upon, which confirmed in the minutest

have cost the shareholders the loss of much of the capital first subscribed and many dividends which would have reached their pockets. If the directors abandon both of these projects and throw energetic management into the concern they will efface all recollection of the past before the end of June, 1882, and give great satisfaction to every shareholder, as the returns of copper to the present time from these mines is small, compared with what will go to market from the 100 fms. in depth, below the 140 at Pickstone's shaft with energetic management.—Feb. 2.

C. ROBINS

WHEAL COATES MINING COMPANY.

WHEAL COATES MINING COMPANY.

SIR,—A few months ago, owing to the high quotation of Wheal Coates shares in the Mining Journal, and to the good output of tin, I purchased 10 shares at a small premium. I soon heard that it was proposed to voluntarily wind-up the company, and convert it into a Cost-book concern. I carefully read the advise contained in the Mining Journal of Dec. 3, 1881, and acting upon that advise I sent a notice, duly signed and witnessed, to the liquidators, asking them either to buy my interest or to abstain from winding-up the company. The next intimation I get is a call of 1s. 6d. per share, and on enquiring I am informed that the mine is sold for 1250L, and that the liquidators hope to return 2s. per share to the shareholder. Can you inform me, first, if I am compelled to pay the call; and, second, if I can claim anything beyond the aforesaid dividend of 2s. per share? I shall look in your Journal for your opinion, if you will kindly oblige me by inserting it.—Folkestone, Jan. 31. W. H. WILLIS.

[There can be no question that you have acted properly in the matter; and the

me by inserting it.—Folkeatone, Jan. 31. W. H. WILLIS.

[There can be no question that you have acted properly in the matter; and the winding-up having been proceeded with you are entitled to the fair market value of the shares on the day of your notice. Subjoined are the portions of the sections which immediately bear on your case.

Companies' Act, 1852, Sec. 161. . . "that if any member of the company being wound-up who has not voted in favour of the special resolution passed by the company of which he is a member at either of the meetings held for passing the same expresses his dissent from any such special resolution in writing addressed to the liquidators or one of them, and left at the registered office of the company not later than seven days after the date of the meeting at which such special resolution was passed; such dissentient member may require the liquidators to do one of the following things as the liquidators may prefer—that is to say, either to abstain from carrying such resolution into effect or to purchase the interest held by such dissentient member at a price to be determined in manner hereafter meutioned, such purchase-money to be paid before the company is dissolved, and to be raised by the liquidators in such manner as may be determined by special resolution."

Same Act, Sec. 162.—"The price to be paid for the purchase of the interest of any dissentient member may be determined by agreement, but if the parties dispute shall be settled by arbitration" under the Companies' Clauses Consolidation Act.

The price quoted at the date of the special resolution by those interested in making the change being 1½ to 1½; a dissentient member would be entitled to about 11. 10s. per share as the value of his interest.]

LEADHILLS MINE.

LEADHILLS MINE.

SIR,—I was glad to see "R. T. M.'s" letter in the Mining Journal last week, as it shows the shareholders will at last make some enquiries at the next meeting into the extraordinary way in which this mine has been managed by the directors. I was prevented attending the last meeting, as there are several matters I should have brought before the meeting. We have received no dividends for years, and yet in the last four years it will be found the directors have helped themselves to 2400%, their arduous duties consisting of signing cheques, with the exception of one director, who, has I see, charged 5%. 5s. for travelling expenses to inspect the mine. I do not know that the secretary's salary is excessive, as I believe all the work falls on him, but this I do know, that we have carried this mine on quite long enough for the benefit of our directors.

Feb. 1.

A SHAREHOLDER.

A SHAREHOLDER.

EAST WHEAL ROSE.

SIB,—Referring to the remarks in last week's Journal upon the interest being taken in Cornwall to the exceptionally rich silver-lead ore being raised (above adit) from Innes' lode, I would ask, for the information of my fellow-shareholders to insert these few lines from me. They are to say that I have this week seen, at the offices of the company, a sample of the ore from Innes' lode, and as I happen to be able from no slight exprisence to distinguish rich confront company, a sample of the ore from Innes' lode, and as I happen to be able, from no slight experience, to distinguish rich ore from poor, I can testify to the richness of the sample. It seems that in Innes' lode we have a large and rich mine above adit, which, for the information of the non-technical, means that the ore can be raised and sent to market without the use of the pumping-engine. It is estimated, I learn, that we have upwards of 600 fms. in length of this lode upon new ground. The estimated average value of the ore now being raised daily is, I am informed, 12t. per fathom, and the cost of getting it is 3t. The working profit to the company at this moment, therefore, will be 2t. per fathom. Certainly we who have retained our shares in this company are to be congratulated upon this (to me) unexpected source of profit, so independent of the water in the mine. I understand that the 90-in. engine is being completed as rapidly as possible, and that in about a month after the starting the mine. I understand that the 40-in engine is being completed as rapidly as possible, and that in about a month after the starting of that engine (which is of itself able to fork the mine) the 100-in. engine will be ready to start. My individual opinion—as one knowing something of mines and mining—is that before long the production of silver-lead ore from East Wheal Rose will surprise many.

AN ORIGINAL SHAREHOLDER.

SHROPSHIRE LEAD MINES.

SHROPSHIRE LEAD MINES.

SIB,—We believe that the East Roman Gravels people have discovered quite a new run of ore close to their shaft, which is said to have every indication of permanence and increasing in value as the mine shall be deepened. This company deserves a good mine, and we are quite satisfied that there is no finer piece of mineral ground and lodes in Salop than their sett and lodes. They have lately put boring machines to work, and so will make better speed in sending out the levels, &c. We shall be much surprised and disappointed in our expectation of this mine if it does not become a permanent dividend mine when further developed.

The Roman Gravels Boundary new company have commenced a new shaft to come down on the north end of the Roman lode, and in their sett, and that they will find it rich under the shale band in their sett, and that they will have a rich mine. The north end of the lodes of East Roman Gravels, or at least part of them, will be within working distance of the new shaft. We shall be glad to see them making good progress, and we miners feel sure success is before them, or we may say at present beneath them. We hear that they are trying to let the shaft to sink to a party who will use boring machinery.

COPPER ORE DRESSING.

COPPER ORE DRESSING.

SIR,--Much has been said, and many ideas have been expressed, regarding the dressing of tin, which, by-the-bye, is still finding its way into the Red River, and I have no doubt small quantities always will so long as the ores are dressed in the ordinary way. But though which is long as the ores are dressed in the ordinary way. But though we hear little, if anything, said regarding the dressing of copper ores, I am inclined to think there is room for improvement in the dressing of this mineral also. I do not refer to the waste committed in dressing copper ores, but to the very low-class ores sent into the market, especially from the large mines. Everyone who understands copper must know that 6 or 7 per cent. produce is a very low percentage and we saldom set the average produce of Carnish copper. percentage, and we seldom see the average produce of Cornish copper percentage, and we send on see the average produce of Cornin copper ore above this. High-grade ores are worth more per unit than poor quality ores, and I beg to ask mine managers—why not send to market an article of 14 or 15 per cent. produce instead of 6 or 7 per cent? In former times, when hand labour performed the greatest part of the dressing of ores, there may be good reason for producing law grade ores; but now that machinery has reduced hand labour. part of the dressing of ores, there may be good reason for producing low-grade ores; but now that machinery has reduced hand labour to a minimum, and the classification of orestuff may be rendered so perfect and complete, I see no reasonable excuse whatever for the present inferior dressing of our copper ores. It may be advanced, the ore occurs so much mixed up with gangue as to render more complete dressing very expensive; but unless copper ores are largely associated with iron pyrites it may be easily, cheaply, and without excessive waste of ore separated from quarts and the other imposition. During these several trials of 5 and 15 tons no appreciable antity of mercury escaped with the tailings, and the apparatus which confirmed in the minutest particular the correctness of the Devon Consols agent's judgment. Supposing the amalgamating apparatus to have been on a scale genough to do the same amount of work in the 93 hours, and the judgment of the lowest estimate, 2 dwts. of gold to the ton, the result of the dressing was that on value was left to report upon, which confirmed in the minutest particular the correctness of the Devon Consols agent's judgment of the dressing very expensive; but unless copper ores are largely worth 13,000l. in the six months, the whole would be totally worthly associated with iron pyrites it may be easily, cheaply, and without less," and they would have nothing to do with a stone-breaker on the dose, and 16 tons of yellow copper ore, worth (say) 90l.; the lowest controlled with a stone-breaker on the minutest particular the correctness of the Devon Consols agent's judgment in ferior dressing of our copper ores. It may be advanced, the ore occurs so much mixed up with gangue as to render more complete dressing very expensive; but unless copper ores are largely worth-less," and they would have nothing to do with a stone-breaker on the decision "that instead of obtaining 5000 or 6000 tons of ore, worth 13,000l. in the six months, the whole would be totally worth-less," and they would have nothing to do with a stone-breaker on the decision of the copper ore is usually found. I am almost convinced a with which copper ore is usually found. I am almost convinced a more complete dressing very expensive; but unless copper ores are largely worth-less," and they would be totally worth-less, and they would have nothing to do with a stone-breaker on the decision "that instead of obtaining 5000 or 6000 tons of ore, worth 13,000l. in the six months, the whole would be totally worth-less," and they would have nothing to do with a stone-breaker on the decision "that instead of obtaining 5

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not dispose of the bulk of the waste contained in copper into the waste heaps before it leaves the mines instead of transporting it with the genuine article long distances to the smelting furnaces? I with the genuine article long distances to the smelting furnaces? I am not surprised that smelters pay so little for poor ores such as some of the mines produce. The commonly occurring copper oreyellow copper—has a specific gravity of 4.2, while quartz, &c., has a specific gravity of 2.6, ample room for separation if properly classified. No doubt some will say I know very little about it, but I would like for some one to correct me if I am wrong; 14 per cent. copper is worth at present about 9l. per ton, and to my mind there are few mines that may not very advantageously produce over all this class. mines that may not very advantageously produce ore of this class. Why not expend a little more in dressing, and thereby increase the income of the company? Shares would sell better, and there would be more confidence in copper mines all round. JUSTICIA.

CALLINGTON DISTRICT.

SIR,—A few remarks respecting this district and its mines may be of some interest. Kit Hill United has one or two good points to come off for tin in the Tunnel level; having seen those lodes, and being aware of their productiveness formerly, I look forth to a very profitable mine in depth, and quite independent of the south portion; but considering the fine lodes I have seen in the former working, I should not be surprised to hear of a valuable discovery shortly. Silver Hill Tunnel appears to have entered a good run of ground for the production of copper ore, and it must be considered satisfactory. Silver Hill Tunnel appears to have entered a good run of ground for the production of copper ore, and it must be considered satisfactory, seeing the work has been pushed forward which throws some light on the value of the adjoining mines, and if activity is shown in the development in my opinion the shareholders will be rewarded for their outlay. I think yellow ochre is to be found in large deposits should it be required. Pillaton Manganese Mine attracts considerable attention in the district; the discovery here was not in the least expected, and would never have been made known likely had it not been for the inhabitants of Pillaton requiring a new parish road to be made in the slope of an immense hill. When the different adits are driven into this hill it is expected thousands of tons of high quality manganese ore will be taken out for the market. I am not aware if there is any discovery made at Whitford; I know of one or two points of great importance, which in all probability would or two points of great importance, which in all probability would lead to a valuable discovery, also at one or two other noted places if operations were resumed.—Feb. 1.

MINER.

THE WHEAL VOR DISTRICT.

SIR,-This valuable mineral district is creating no small amount of attention once more by the excellent discoveries of tin recently made at New Great Wheal Vor and Great East Vor. It seems that the old district has again commensed to shine forth in all the brightthe old district has again commensed to shine forth in all the brightness of its former days. Hearing so much of the above-mentioned discoveries, and business taking me that way, I called at the mines and took samples from the many piles of tinstuff there. When I returned home I bruised and vanned them, and the show of tin surprised me, although I am a miner of the old school, and I candidly say that I never saw such rich work to the depth of 11 fathoms. I judged it to be half tin. I can fully agree with what your correspondent said in last week's Journal. In speaking to a great mineral agent here on the matter, and of how things were progressing in the Wheal Vor district relative to the above-mentioned mines, he said, "Mark me, them mines will be the star of the West." But where have been all the local talent in allowing the Londoners to take hold of the wealth that they have so long been treading under foot? hold of the wealth that they have so long been treading under foot? Redruth, Jan 31 PRO BONO PUBLICO.

THE GREAT WHEAL VOR DISTRICT.

THE GREAT WHEAL VOR DISTRICT.

SIB,—I have just been looking over some statistics of the Great Wheal Vor sett. There is nothing like an array of official figures; they carry might and authority with them, and I find one chapter of that enterprise shows that tin was produce from 1853 to 1877 to a value of nearly 700,000l. Some of the years produce better than others, but many of them yielded an average of more than 30,000l, per annum. I will see if I cannot find some statistics of the earlier workings; they would be very interesting just now. Indeed, the history of this district ought to be written, though hitherto it has not been. There is, however, enough to show that it is one of the grandest tin-bearing district in the world, and there is as good ground in this locality for tin-bearing as ever yet was worked.

grandest tin-bearing district in the world, and there is as good ground in this locality for tin-bearing as ever yet was worked.

The operations at New Great Wheal Vor and at Great East Vor are steadily revealing mineral wealth, and the great feature which is now arresting so much attention throughout the county is that the lodes are as striking in size, value, and strength as any in Cornwall, although they are only a few fathoms from the surface, and where usually the lodes are not so rich in themselves, as indicative of further wealth below. I believe there are few other such lodes in Cornwall at a depth of 11 or 12 fms. If nothing beyond the natural developments of the present workings should take place, the actual discoveries may prove sufficient to benefit a whole generation of our mining population.—Helston, Feb. 1.

THE COAL AND IRON INDUSTRIES OF THE UNITED KINGDOM A new work under this title by our esteemed correspondent Mr.
RICHAED MEADE, Assistant Keeper of Mining Records at the Museum
of Practical Geology, Jermyn-street, will be issued in about a week
by Messrs. Crosby Lockwood and Co. Besides a description of the
coal fields and the principal seams of coal, Mr. Meade's book will include an account of the occurrence of iron ores in veins and seams,
and a history of the rise and records of pic-from manufacture since and a history of the rise and progress of pig-iron manufacture since the year 1740. Maps illustrating the position of coal fields and iron-stone deposits throughout the kingdom will accompany the work. It need scarcely be said that the book will be very fully noticed in the Mining Journal as soon as it is ready for publication

MODERN METROLOGY. — In noticing Gregory's British Metric System, it was pointed out that no possible advantage could result from its adoption, because all the inconvenience of making a change from its adoption, because all the inconvenience of making a change would have to be submitted to, and that none of the benefits to be anticipated from the adoption of the French metric system now practically adopted in Belgium, Spain, Italy, Holland, and Germany, as well as France, would accrue; so that it may be hoped that the proposed English system to be advocated in Modern Metrology, to be dedicated by permission to Mr. Gladstone, and published by Messrs. Crosby Lockwood and Co., will take the French metric units as the basis, unless it be intended to adopt the French system unmutilated, and with no other variations than the change of names. The forthcoming work, which will be issued during the present month, is by Mr. L. D. S. A. Jackson, the author of Hydraulic Manual and Statistics, and as it will treat of the metric units and systems of the present century, it can scarcely fail to be of historic interest.

BURDETT'S OFFICIAL INTELLIGENCE FOR 1882.—Under this title Mr. HENRY C. BURDETT, F.S.S., the secretary of the Share and Loan Department, Stock Exchange, has just issued (London: E. Couchman and Co., Throgmorton-street) a large volume of about 1000 pages quarto, giving a careful précis of information regarding British, American, and Foreign Stocks: Corporation, Colonial, and Provincial Government Securities; Railways, Banks, Canals, Docks, Gas, Insurance, Land, Mines, Shipping, Telegraphs, Tramways, Water-works, and other commercial, financial, and industrial companies known to the London market, and dealt in on the principal Exchanges.

It appears that with a view to obtain an approach to accuracy the

Stock Exchange Committee have added a Records and Statistical Branch, under the supervision of a second assistant secretary, to the Branch, under the supervision of a second assistant secretary, to the Share and Loan Department, in which will be preserved the original prospectuses and reports for the last five years, and other documents affecting securities generally. Mr. Burdett points out that in the first edition of a work which comprehends so many intricate details, and which covers so wide a field, errors are unavoidable; but a glance at the details given with regard to which the facts are known to the reader will suffice to prove that inaccuracies are far less numerous than might have been anticipated. Mr. Burdett shows that the nominal capital of the joint stock companies formed and registered in London under the Limited Liability Acts since Jan. 1, 1863, chimney draught. Suction must be substituted by forced blast.

amounts to about 1,720,385,791l., and that 1400 companies, with nominal capital of 110,000,000l., were registered during 1881. The state of the companies of th total par value of the securities quoted in the official list is stated at 5,786,913,906l. As a volume of reference a work of this class is invaluable, and the amount of labour and research which Mr. Burdett has bestowed upon it must have been enormous. There is a good introductory summary, and the chapter of general information concerning, amongst other things, special settling days and quotations, railway companies, stamp duties, investments by trustees, the Married Women ** Property Acts, crossed cheques, and forms in common use will prove exceedingly useful.

REPORT FROM CORNWALL.

Feb. 2.—The chief character of the present aspect of mining business may be summed up in one word—uncertainty. Naturally, notwith-standing the previous inactivity of the share market, there has been a further drop in prices, consequent upon the fall in the tin standards, and prices may be expected to fluctuate in like manner while the general condition of the tin market remains so speculative

while the general condition of the tin market remains so speculative and uncertain. Nevertheless the prospects, apart from this casual manipulation, are so favourable that the present seems an unusually good time for the investing public, and indications are not wanting that some are acting in that belief.

It has been made to appear, and no doubt much to the satisfaction of our friends the "bears," that there was a drop of 6s. in the tin standards last week—one of 3s. being announced on Thursday, and what purported to be a second on Saturday. No wonder some little alarm was felt. The explanation, though simple, is not without its value, as showing how easily, and even without intention, the public may be deceived, now that the smelters do not pull together, without exception in the,old "one and all" fashion. The truth is there was no official drop on Thursday, though one firm did pay lower prices, and that the old standards continued officially unchanged until Saturday, when they were put down the anticipated lower prices, and that the old standards continued officially unchanged until Saturday, when they were put down the anticipated 3s. by circular in the formal way. After all, do we not pay rather too much attention now to the so-called "standards," and too little to the current prices in the London market; and is not the real moral of this occurrence that the miners should place themselves in a position to be independent of the smelters if they chose by smelta position to be independent of the shelters it they chose by shelt-ing their own produce. We have pointed again and again to the de-sirability and feasibility of this until we are fairly tired, but there is not the slightest indication either in good times or in bad that one of our leading mines will have the pluck to leave the rut of centuries, and go back to what, after all, is the original plan. That matters will come to this eventually we fully believe, but we frankly confess we see as yet no movement in that direction, and it may be a long time ere we shall.

a long time ere we shall.

There are some people who are not satisfied even with the East Pool account, though to most a profit of over 10,000%, and a dividend of 30s. must be amply satisfactory. Only if folk will speculate and buy undeclared dividends at 38s. 6d. that turn out 8s. 6d. short, while we can very well understand their disappointment, their position is so purely voluntary that it calls for very little sympathy. No doubt the dividend might have been larger, seeing that a balance of inst 750% was carried forward but we think that a very wise of just 7501 was carried forward, but we think that a very wise discretion was exercised in placing that amount to the credit of the reserve fund, especially when we bear in mind the additional plant that have to be provided for. It is we suppose only natural, at any rate in mining enterprise, that when a concern is flourishing efforts should be made to do it injury; and, therefore, we are not surprised that the rumours should have been circulated that the extraordinary y's of last quarter's working at East Pool has been achieved by thing out the eyes" of the mine. Never, however, did baseless are have a more complete denial than when Mr. Martyn stated that in two levels only as much tin had been discovered as had been taken away in the whole of the workings, and what strikes us as very remarkable in the report is the excellent character of the mine all through. We did not refer before the meeting to the absurd rumour that it would be proposed to give the committee 500 guineas, but there may be some who needed, what we did not, the assurance that the idea had never been entertained.

On one point, and one point only, do we differ from the sentiments expressed at East Pool account. Camborne has asked for a subscription to its science and art classes, and hesitancy was expressed on the ground that if granted Redruth would surely want the like Why could not East Pool do something for both? Mr. Lanyon's argument in opposition on the score that the East Pool adventurers argument in opposition on the score that the East Pool adventurers are not merely local, but scattered over the kingdom, seems to us wholly wide of the mark. The object of the science classes is to improve the working capacity and abilities of the miners of the locality. In the advantage of that improvement East Pool must share, and the adventurers, therefore, would derive at least an indirect benefit wherever they may be. We trust this will be considered at the next account. sidered at the next account.

TRADE IN SOUTH WALES.

Feb. 2 .- There is no better evidence for the continued activity of the steam coal trade than the quantity shipped since last report, 129,996 tons having been sent away from Cardiff, 30,635 tons from Newport, and 30,930 tons from Swansea. There was a rise in the price of house coal made on Wednesday last, the 1st inst., of which due notice was given. The advance is 6d. per ton. Mr. R. W. Perkins, of Bronllys Castle, has published a letter on the application of anthracite coal to marine steam-boilers, in which he says:—

It has always seemed a strange circumstance (I had almost said fatality) that the anthracite colliery owners have never been able to realise the necessities imposed by the fact that stone coal or anthracite, whatever superiority it may claim in respect to evaporative power, is nevertheless a fuel of naturally slow combustion, and that, consequently, its evaporative power cannot under ordinary conditions be so speedily developed as that of ordinary steam coal. Now, in proof of this I will refer to the statement, not of any hostile critic, but to those of one of the best advocates of anthracite that ever testified in favour of this coal. I refer to a letter dated Nov. 20, 1831 addressed to the late favo of Mesers Richard Morran ad Sea. ever testified in favour of this coal. I refer to a letter dated Nov. 20, 1854, addressed to the late firm of Messrs. Richard Morgan and Sons, by Messrs. M'Kean and M'Klarty, of Liverpool, at that time the owners of the Anglo-Italian line of steamships, after a two years' experience of the use of anthracite. It is not unimportant to bear in mind also that the comparison in this case is made between anthracite and bituminous (probably Lancashire or Cumberland) coal, and not Welsh steam coal. They state the saving effected by anthracite to have been: to have been:

1.—Twenty per cent. in stowage space.

orty to 45 per cent, in fuel consumption: but they also say that all that is necessary for the successful application of anthracite is that there should be one square foot of grate surface to every unit of horse power in order to raise steam to the pressure required. Now we must presume that by horse power nominal, not indicated, is meant, and I believe it will be about accurated to estimate 100 NHP as equivalent to 450 IHP; but, according to the best authorities at the present day, the correct proportion in marine boilers is 12 to 14 square feet of grate surface to each unit of IHP. . . 450 IHP or 100 NHP need, if anthracite be used, 100 square feet of grate surface, whereas 450 IHP \times 14 (the largest amount as at present allowed) = only 63 square feet. Anthracite requires, therefore, nearly 60 per cent. more grate surface than ordinary steam coal, a necessity which, assuming it to exist, must present a fatal objection to the use of anthracite in steam ships. That the necessity of some special application exists I have already declared, and I will further expres the opinion that the application necessary to render anthracite suitfor marine boilers is even now most desirable, and will more and more become absolutely necessary in the case of all coals. The diminution in weight of boilers and the space they occupy on board ship, and at the same time the attainment of higher rates of speed. are now the two great aims of naval engineers. These aims can never be carried out to their full practical limit so long as the neces-These aims can sary acceleration of fuel combustion continues to be effected by

The amount of iron ore coming in at the present time is very large 19,356 tons having arrived at Cardiff since last report, and 2050 to at Swansea. At the latter port 5000 tons of pig-iron have been ceived for the use of the tin-plate manufacturers. This industry giving evidence of recovery, and there is a probability that all in the control of the old works will be in full swing before long. Newport has sent and 2000 tons of iron during the week to New York, 2870 tons to Ne South Wales, and 1100 tons to Bahia. The Rhymney Works, according to the directors' report, are making about 96,000 tons of significant the properties of treather than the control of the directors' report, are making about 96,000 tons of significant the properties of treather than the control of the directors' report, are making about 96,000 tons of significant the properties of treather than the control of the directors' report, and there are properties of the directors' report, and the properties of the directors' report, and the properties of the directors' report, and there are properties of the directors' report, and the properties of the directors' report, are making about 96,000 tons of significant reports and the directors' report, are making about 96,000 tons of significant reports are properties. ing to the directors' report, are making about 96,000 tons of ste and iron rails per annum, in the proportion of two-thirds of the former to one-third of the latter. A new furnace has been put blast, at Briton Ferry. At Blaenavon the works are now lighted by electricity the same as at Ferndale, and there is a tendency to get tend this movement to all the large works in South Wales.

The subject of the rating of royalties for local taxation purpose is being agitated here, and a gentleman well versed in the subject writes as follows:—"Not 100 miles from Merthyra large firm rente an extensive tract of minerals from the lord of the manor at a nomine rent charge, and sub-let it to an adjoining firm at an improved results.

rent charge, and sub-let it to an adjoining firm at an improved royalt which amounted, it is said, to from 20,000l. to 30,000l. a year for long term of years, free of local taxation. In the year 1880 the long term of years, tree of local taxation. In the year 1880 the was worked from a comparatively small estate within the Merti Union no less than 141,650 tons of coal. The improved royalties a wayleaves paid on the same coal, independent of landlord's royalt amounted to the modest sum of 59991., and was wholly free of loc amounted to the modest sum of 5993s., and was wholly free of loc taxes. What can this be but an 'improved valuation?' Then cipients of these enormous profits, as improved royalties, must either occupiers or landlords. Which are they? According to M Fowler ('Collieries and Colliers') 'the occupier of the property rateable in respect of its improved annual value.'" According to M

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE

Feb. 2.—The iron market has been taken somewhat by surprible week at the action of the Earl of Dudley and Messrs. Willia Burrows and Sons. These firms issue circulars which virtually ca cel those issued just after the Quarterly meetings, in which buy were informed that new orders must be subject to prices to be stailly arranged. The fresh circulars clearly intimate that the opmarket price of his lordship's bars is now again 8t. 2s. 6d., and that Messrs. Barrows 7t. 10s. Sheets and plates are 2t. per ton addition. On 'Change yesterday in Wolverhampton and to-day in Birmingha best sheets were reported to be in large demand at the recent 1t. ton advance. Galvanising sheets are scarcely so strong this was last, as spelter is down 10s. per ton. Ironworks proprietors wistful of getting round them large stocks of puddled bars, hence puddlers are all busy, In the pig-iron trade common qualities Staffordshire sorts are firmer, because they are shown to be suited the Thomas-Gilchrist steel method. Prices are unaltered. Manufuring coal is stiffer in price, consequent upon the immediate statement. turing coal is stiffer in price, consequent upon the imundation ditter at Pelsall,

An important meeting of the South Staffordshire Mines Drainat Commissioners was held in Wolverhampton on Wednesday. The chief business was the consideration of a proposition made by it General Purposes and Finance Committee to borrow 10,0001, to be secured on the General Drainage Rate, to provide money for the cr cution of surface works; and a second proposition to borrow between 25,000*l*. and 30,000*l*., to be secured on the Mines Drainage lists of the Tipton district, to enable the Commissioners to execute the addi-It was explained that the surface works pr tional works. be executed had been pointed out by the arbitrators in a re which they had made to the Commissioners a couple of months as absolutely necessary, and as calling for early execution. These w are distributed throughout the chief localities which came within main drainage area. The underground works were to consist of the ting to work of pumping engines in the old Bolton district, which is the chief to be consisted the chief to work of pumping engines in the old Bolton district, which is the chief to be consisted to the chief to be consisted to the chief to be chie now drowned out, and raising the water from that locality inst of allowing it to continue flowing over into the Tipton district, wi its pumping could only be effected at greater expense and at speed. It was stated that it would be to the material interest of Commission that these works should be carried out, since their continuous their continuous would, by unwatering the Bolton mines, enable the Commission would, by unwatering the Bolton mines, enable the Commission would, by unwatering the Bolton mines, enable the Commission would be continuous that the continuous their continuous that the contin sioners to largely increase their income, for rates could then levied where at the present time no coal was being raised. Af some discussion both the loans were sanctioned.

The examination for mine managers' certificates under the Mine Regulation Act came off on Monday and Tuesday in Wolver There were nine candidates present out of twelve entered number than that of any preceding examination. Six of were from South Staffordshire, and three of them had sat a were from South Staffordshire, and three of them had sat unsucces fully last year. The other three were from Durham, Yorkshire, at Derbyshire. The following were the subjects taken:—(1.) Ch mistry as applied to mining; (2) mechanical engineering; (3) saying; (4) practical mining. The examiners were—For subject Mr. W. Fairley, of Beaudesert, near Rugeley (the Marquis of Anglesey's); for subject 2, Mr. Jonah Davies, C.E., Wolverhampton; at for Nos. 3 and 4, Mr. J. Williamson, of the Cannock and Rugely Collegy Company, Hednesford.

REPORT FROM DERBYSHIRE AND YORKSHIRE.

 $Feb.\ 2$ —At the ironworks and mines in Derbyshire trade has hanged much of late, and, as a rule, the workmen are well emple changed much of late, and, as a rule, the workmen are well emplo In the lead districts a fair amount of business has been done, the probability is that the production during the present year be considerably in excess of the past one. The weather has a favourable for operations where the work is of an open characteristic which is the case at a good many places, for the want of cal causes the mining to be carried on in the most primitive man of course this is not the case at all the mines, for at a few of it Of course this is not the case at all the mines, for at a few of the there is the best of machinery and appliances. At the coll men are working steadily, and the demand for an advance appears to have been quietly dropped, seeing it was found t time was most inopportune, for the price of coal had gone de stead of advancing. House coal has gone off tolerably well fair tonnage has been forwarded to the Metropolis, althou weather has not been at all favourable, and the result has decline in the price, which is likely to come down still low is much higher than it ought to be considering the charge pits. But merchants have the power of charging what the no matter how low they can purchase at the colleries, and continue to be the case so long as the owners of coal mi merchants to have all the power, and of buying at a very land selling at a particularly high one. But the time will cothe coal consumers in the Metropolis will be able to purcha from the producer, and thus save the large profit that now the middleman. Steam coal has been going off well for the year, the middleman. Steam coal has been going off well for the tim-year, the mildness of the weather being favourable for ship-whilst an increased quantity is now being required for iron smell the out put of iron having considerably increased by the new naces put in blast. A good deal of engine coal has been sent a of late, and the same has been the case as regards gas coal. The trade is in a tolerably healthy state, there being a good demand both pig and finished iron. An improvement has also taken plas regards foundry material, and there is every appearance that as regards foundry material, and there ago good trade will be done in gas and water pipes, for good trade will as some others, have a high rep Staveley Works, as well as some others, have a high reputation steel works at Dronfield are as busy as ever, the demand for Be rails being most active.

The Sheffield trades, light and heavy material continue in a b state, and there are orders in hand for some descriptions that occupy several months in clearing out, so that even were no m come in there is a good season's work assured. Brown's and mell's are busily engaged on steel-faced armour plates, for and other Governments, so that no notice has been taken views of Sir W. Armstrong, who lately denounced the build armour-clads, advocating light and speedy vessels, unarmoure with rams and heavy guns. Ordinary plates for ships and be as well as hoops, wire, and sheets, are in such request that the are running to their full extent. Bessemer makers are particularly at the present time, heavy contracts being held for rails and railwa

material of almost every description. It is, however, questionable how long the present large business doing with American steel rails will continue, seeing the heavy plant that is now being laid down in will continue, seeing the heavy plant that is now being laid down in several of the States for the production of Bessemer. So far our success in America has been owing to the superior quality of those made by us as compared with those produced by the American manufacturers; but if the latter can compete with us in quality they

manufacturers; but if the latter can compete with us in quality they must necessarily absorb the whole of the trade, as they would have no duty to pay, which from England is equal to the value of the rails as invoiced. The cutlery houses are working well, and a good business is also being done in files, saws, edge tools, and sheepshears. The South Yorkshire coal trade is not so good as it was, and not quite so much house coal is being sent away. Prices, too, have fallen to a low point for the time of the year, especially as regards London. Steam coal has gone of well for the time of year, and a good deal has been sent to the Humber for shipment. A large tonnage of coke is being sent out of the district, for it now competes with that made is being sent out of the district, for it now competes with that made in Durham, as great care is taken in cleaning the small coal which is put into the ovens. A good deal is sent into North Lincolnshire, where there is a large output of pig, and in which, at one time, the coke used was that from Durham solely. Now, however, a quality equally as good is purchased close to the works, and at a much less cost.

REPORT FROM NORTH WALES, SALOP, AND CARDIGAN.

Feb. 2.—A fine sample of the rich ore recently discovered at Blaen Caelan Mine, in Cardiganshire, is seen by the entrance to the Lion Hotel at Talybont. At the North Cardigan Mines good ore is being won from Wilkinson's shaft, and a fine pile is now stacked ready for crushing by the machinery, which is nearly completed. A further discovery of ore has been made at Penrhyn Gerwen Mine at some distance along the course of the lode from the first opening. some distance along the course of the lode from the first opening. The lode at Cefn Gweiriog has been uncovered for about a hundred yards. It is a nice lode, the gangue consisting of calcareous spar and sugary quartz charged with lead and sine ores. At Bryn-yr-Arian a branch lode has been cut, which seems to indicate the near approach of the level to Joseph's lode. At Tan-yr-Allt the ore goes down strong to the north under the bog. At Bryn Dyfi the dressing machinery works efficiently. Further south, one of the most promising mines is the Wemyes, which is situated between Frongoch and the Red Rock. A very fine course of ore is worked in the shaft nearest the latter mine. The Vigra and Clogau Gold Mine is reported as looking better than it ever did. I only hope it looks as well as it did when the first explorers came upon the bunches of gold that brought them in 35,000l. Considerable interest was felt last week in the dispatch from the mine of a bar of gold weighing gold that brought them in 35,000l. Considerable interest was felt last week in the dispatch from the mine of a bar of gold weighing 36 ozs. Let us hope that gold mining in Wales will yet become a successful industry. Mr. D. C. Davies, F.G.S., of Oswestry, gave a lecture before the Chester Society of Natural Science on Thursday last, entitled "Notes on the Metalliferous Mineral Deposits of Wales," in which he described the phenomena associated with the deposits of iron, gold, silver, copper, lead, and zinc ores of the Principality. The chair was occupied by A. W. Walker, Esq., F.G.S., of the Lead Works, who made some interesting and instructive remarks at the close of the lecture. at the close of the lecture.

The slate trade of Wales is improving, and little or nothing is now heard of the importation of slates from America.

TRADE OF THE TYNE AND WEAR.

Feb. 1 .- The revival of the iron trade in most branches, and the feet. 1.—The revival of the front trade in most branches, and the increase of work on hand at shipbuilding, engineering works, &c., has had the usual effect of causing dissatisfaction among the men in most branches of those trades with the present rate of wages. Meetings have been held, and a movement commenced for a general advance of wages. Although there is certainly a large addition to the amount of work on hand in most branches of these trades, we question whether the prices received for the artiples wanted the standard for the standard f amount of work on hand in most branches of these trades, we question whether the prices received for the articles manufactured have been much advanced; at all events, the advance in the value of locomotives and most finished articles has not as yet been sufficient to warrant much, if any, advance in wages generally. It is to be sincerely hoped that the men employed in those trades will exercise caution and prudence in their demands—any rash action on their part would have the effect of checking the rising tide of prosperity, and this would certainly be very lamentable. The most unpleasant features to be observed in the movement is the evident dissatisfaction of a considerable number of the men with the present arrange. tion of a considerable number of the men with the present arrange-ments in the form of sliding scales and arbitration boards. If the men repudiate or discard those admirable arrangements they appear men repudiate or discard those admirable arrangements they appear to have little hope indeed of averting strikes of the most disastrous character. At Stockton a meeting of representatives of all classes of ironworkers, with the exception of malleable, was held on Friday, to consider the wages question. Mr. Waterhouse's returns were condemned as being so far below the real prices as to deprive the men of about 9d. per ton, and it was argued that the returns should be based on the price of the Weardale Company and Messrs. Hawks and Co.'s high-class iron, as well the prices of Middlesborough low-class iron. The sliding scale was condemned, as was also the Board of Arbitration, which was said to afford the men no voice in wages fixing. Ultimately it was resolved to cease work when the current nxing. Citimately it was resolved to cease work when the current three months' notice under the sliding scale expires, and not to resume work unless wages are readjusted, and the 7½ per cent. taken off in 1879 on the ground of depression returned. It was also resolved to sever all connection with the Arbitration Board, and to abolish the sliding scale at the end of the ensuing three months.

The lull in the steam coal trade, noticed last week, continues. The first-class works in Northumberland, however, continue to be well supplied with orders, but second-class works are hardly so well off, orders for France and ports in the Mediterranean have fallen off Ultimately it was resolved to cease work when the current

off, orders for France and ports in the Mediterranean have fallen off somewhat lately. Perhaps the ministerial crisis in France and the Eastern complication generally have had an adverse effect. The traffic at the northern ports has also been interfered with by the weether. weather; frost has set in on the Continent, and all these causes interfere with the steam coal trade. However, so far prices are well maintained, and should the demand for steam coal prove good in the maintained, and should the demand for steam coal provegous in the spring prices are fully expected to improve. The demand for coals and coke generally in the county of Durham is satisfactory, the sales of gas coal continue good; first-class gas coal is now 7s. to 7s. 3d. per ton. The demand for coke also continues both for shipment and inland continues to the continues of the continues of the continues to the continues of the continues to the c per ton. The demand for coke also continues both for shipment and inland consumption. The household coal trade is fairly good, and orders for London and the Channel ports are being sent in. Good manufacturing and smithy coal is in good request. All-round coalmasters in Durham will not quote for future delivery at present rates, and should no interruption occur in the progress of the iron trade the prospect for the Durham coal trade is on the whole cheering. The strike at the Ushaw Moor Collieries continues, and at present

masters in Durham will not quote 101 August 102 August

railway

take the Clay Lane blast furnaces from the mortgagees. take the Clay Lane blast furnaces from the mortgagees. The furnaces form part of the estate of Thomas Vaughan and Co. The steel trade is very brisk, and arrangements are being made to make 3000 tons of basic steel at Eston instead of 2100 tons per week now made by this process. The ironworkers have held meetings this week at various places at Jarrow, Witton Park, Stockton, Sunderland, &c., and they have condemned the present sliding scale, maintaining that there should have been, according to the quoted prices of iron, an advance last quarter instead of a reduction, though this is altogether fallacious, as the prices now quoted have not vet come upon the advance last quarter instead of a reduction, though this is altogether fallacious, as the prices now quoted have not yet come upon the books. The men, however, are very restive, and the chances are that some difficulty will be found in keeping them at work until the termination of the present sliding scale in April. Prices of pig iron have changed little, being 42s. 9d. to 43s. for No. 3 for prompt delivery. Makers keep to from 9d. to 1s. above these rates. Warrants are 43s. 3d. for No. 3. Messrs. Connail's stock is 176,196 tons, a reduction of 103 tons on the work. a reduction of 103 tons on the week.

a reduction of 103 tons on the week.

On Monday the annual meeting of the Arbitration Board was held at Darlington, Mr. Whitwell, president, in the chair. The report of the committee was read—"The prospects of the Board are good, and its usefulness cannot be doubted if the members, both employers and workmen, are faithful to its principles, and abide by its rules. The wages question was discussed, and present threatening attitude of the men, and, after a long discussion, the employers were firm in their resolution that no concessions should be made unless through arbibration, that the men must continue at full work, and that an pecial circumstances affecting the present wages agreement shall have the consideration of the Board, and in case of failure to effect an arrangement the whole question of the sliding scale and future wages shall be submitted to an arbitrator." At Middlesborough, on Tuesday, the iron market was well attended, but was unsettled and disorganised. The advance of the Bank rate and financial difficulties in Paris and London have reacted in the iron trade of this district. The quotation for pig-iron was 42s. 3d. No. 3. It is hoped that after the meeting of the Arbitration Board the men will not persist in a course which cannot be defended. They are offered free arbitra-ion by the employers. The finished iron trade continues good and steady. Some of the men at Stockton have come out, but it is expected that the bulk of the men in the district will refrain from

PROVINCIAL STOCK AND SHARE MARKETS.

Nesrs. ABBOTT and WICKETT, stock and share brokers, Redruth (Feb. 2), write:—During the past week the prices of the leading shares have varied considerably. Dolcoath changed hands at \$1 to \$8\$, closing at \$7\$. East Pools close to \$45\%, ex div., at which there are buyers. Killifreths largely dealt in up to \$45\%, include the progressive mines are neglected. Closing utotations annexed:—Blue Hills, 2 to \$2\%; Carn Brea, \$23\%; to \$23\%; Cook's kitchen, \$2\% to \$30\%; Dolcoath, \$6\%\$ to \$6\%; East Pool, \$6\%\$ to \$47\$. East Blue Hills, \$2\$ to \$2\%; East Pool, \$6\%\$ to \$47\$. East Red. \$45\%\$ to \$6\%\$ to \$47\$. East Pool, \$6\%\$ to \$47\$. East Red. \$45\%\$ to \$6\%\$ to \$47\$. East Red. \$45\%\$ to \$6\%\$ to \$47\$. East Blue Hills, \$2\$ to \$2\%; Pedn-an-drea, \$3\%\$ to \$4\%\$; Surth Grofty, \$6\$ og: South Frances, \$1\%\$ to \$1\%\$; Sulth Cook's Kitchen, \$2\$ to \$2\%\$; Pedn-an-drea, \$3\%\$ to \$4\%\$; Surth Frances, \$1\%\$ to \$1\%\$; West East Pool, \$46\%\$; West East Pool, \$46\%\$; West Poldice, \$5\%\$ to \$6\%\$ west Poleren, \$1\%\$ to \$1\%\$; West Frances, \$1\\$ to \$1\%\$; West Boys, to \$2\%\$; Wheal Boys, to \$2\%\$; Wheal Grenville, \$1\%\$ to \$1\%\$; Wheal Jane, \$1\$ to \$1\%\$; Wheal Boys, to \$1\%\$; West Poldice, \$1\%\$ to \$1\%\$; Wheal Frances, \$1\\$ to \$1\%\$; Wheal Boys, to \$2\%\$; Wheal Revor, \$1\\$ to \$1\%\$; Wheal Frances, \$1\\$ to \$1\%\$; Wheal Boys, to \$2\%\$; Wheal Kitty, \$1\\$ to \$1\%\$; Wheal Prussia, \$1\\$ to \$1\%\$; Wheal Cny, \$3\\$ to \$1\%\$; West Providence, \$1\%\$ to \$1\%\$; Wheal Prussia, \$1\\$ to \$1\%\$; Wheal Cny, \$3\\$ to \$1\%\$; West Providence, \$1\%\$ to \$1\%\$; Wheal Prussia, \$1\\$ to \$1\%\$; Wheal Cny, \$3\\$ to \$1\%\$.

1 to 1½; Wheal Ritty, ½ to 1; Wheal Prussia, to 1½; Wheal Uny, 3 to ½; West Providence, 1½ to 1½.

— Mr. M. W. Bawden, Liskeard (Feb. 2), writes:—The mining market exertienced a general panic at the close of the past week and opening of the preent, owing to a heavy pressure of stock for sale coupled with the advance on he Bank rate and reduction on the tin standard; but since the favourable result Banca sale and improvement on tin the market has become more animated, and most shares are firm at an advance. Closing prices annexed:—Bedford inted, 1½ to 1½; Carn Brea, 23 to 23½; Cook's Kitchen, 29½ to 30; Dolcoath, 5½ to 15; East Pool, 6½ to 6½; East Caradon, ½ to ½; East Herodsoot, ½ to 1; East Pool, 6½ to 6½; Gawton United, ½ to 5½; Glagow Caradon, ½ to 1; Carnislake (Clitters), 3 to 3½; Herodsfoot, ¼ to ½; Hingston lown, 1 to 1½; Killifetth, 2 to 2½; Marke Valley, ½ to 1; New West Caradon, ½ to 3½; Prince of Wales, ½ to ¼; Pelyn Wood, ½ to ¼; South Aradon, 25½ to 3½; Prince of Wales, ½ to ¼; Pelyn Wood, ½ to ¼; South Pevon United, 1½ to 1½; South Prances, 15 to 15½; Tincroft, 16½ to 17; West lasset, 14½ to 15; West Caradon, ½ to ½; West Prances, 11 to 11½; West Irebor, ½ to ½; West Mary Ann, 1 to 1½; West Prevor, 14 to 1½; West Prebor, ½ to 3; Wheal Grenville, 113½ to 1; Wheal Hony and Tralawny, 2 o 2½; Wheal Kitty, ¼ to 1; Wheal Jane, 1 to 1½; Wheal Peevor, 10½ to 1; Wheal Grenville, 113½ to 12; Wheal Hony and Tralawny, 2 o 2½; Wheal Kitty, ¼ to 1; Wheal Jane, 1 to 1½; Wheal Peevor, 10½ to 1; Wheal Inny and Tralawny, 2 o 2½; Wheal Inny and Tralawny, 2 o 2½; Wheal Inny and Tralawny, 2 o 2½; Wheal Hony and Tralawny, 2 o 2½; Wheal Inny and Tralawny, 2 o 2½; Wheal Hony and Tralawny, 2 o 2½;

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JOHN CARTER, mine sharedealer, Camborne (Feb. 2), writes:—In the feet a heavy fail in prices has this week taken place, and at the clos nstances an equally quick recovery. Delocathat one time fell to 81; we since improved to 87%. East Pools declined to 44%, and recovere outh Frances fell to 14 sellers, and since up to 14% buyers. Carn Breath 22%. And since recovered to 23%. On the 25th wit their standard.

touched until to-day, and then at a sensible decline, the transactions are mostly solitary. Though as regards number the changes are nearly all worse, better prices have been marked in two concerns—Palmer's Shipbuilding, A, which are 2, ditto B, 1; and United States Rolling Stook, % higher. Though marked lower are as fallows:—Tharsis Sulphur and Gepper, ½; Ebbw Vale, ½; Great Lakey Lead, ½; Rolckow's fully paid, ½; Cammelis, ½; Sharp, Stewart, now, ½; Bolekow's, 12£, paid, ½; and Canadian Copper, 1s. 6d.

COTTON SPINNING AND MANUFACTURING—Owing to quietness in the yarn trade and the generally disturbed state of the markets shares of this class of investment, despite the announcements of some fair profits by a few concerns taking stock at the end of January keep dull and decilining, still the ease in prices amount to very little, except in a tew cases where operators have had more on hand than they could conveniently hold. No fear for the future is apparent, and not a few of the sales are made with the evident intention of repurchase at a profit, and as these sales occur in a sensitive market the object of such sellers is being attained, though possibly hardly as rapidly as such operators desire. No bulk is offered, and while the profits keep up to mark lately announced, it is not likely that bond Ade investors will be persuaded to part with their holdings. Teleographs and Telephones.—This class presents a different aspect front those yet noticed, inasmuch as it exhibits values nearly all better. Anglos of all issues prominently. Other advances are not of great moment. In telephones a further rise is recorded in Lancashire and Cheshires, but Uniteds have failed anway ½.—Canala, too, are better where moved. Ashton and Oldham being 2, and Peak Forest 1 higher, with a solitary transaction or two.

Corporation Stocks, &c.—Unity a trifling business done, and prices without material change.—In Miscellanseous, Southport Winter Gardens are better, and West India and Pacific Steam lower; otherwise the alteriations are no

NEWCASTLE-ON-TYNE .- Mr. FARADAY SPENCE, stock and share

and Americans have moved in sympathy with other markets, participating also in the general rally.

NEWCASTLE-Q-TYNE.—Mr. FABADAY SPENUE, stock and Shared broker, Grey-street (Feb. 2), writes:—The Paris crisis has affected this market, inasmuch as speculators and investors keep aloof in the face of dear money. The iron share market has been also affected by the demand of the workmen for an advance of 7½ per cent. in their wages. A proportion of the men are already out on strike, but the majority remain in, in the hopes of the matter being referred to and settled by arbitration. Barrow Hematite Steel shares are better, being 130 to 132½ and Preference 11½.6. Bede Metal and Chemical Company: A special meeting of shareholders in this company has been held, at which power was given to the directors will first issue the 2000 unallotted shares, and raise the balance of required capital by issuing preference shares are as a season of the company. It is indertoord that the directors will first issue the 2000 unallotted shares, and raise the balance of required capital by issuing preference shares or exercising their borrowing powers. The shares are to-day ½ to ½ dis., with little doing. Bolckow Vanghan and Co. shares are all easier, 20½, paid being 25½, 12½, paid 4½ to ½ prem., and preference shares 21½ to ¾.

Consett Iron Company: On Tuesday last the directors announced an individend of 12a. 6d. per share, as against 15s. per share last February; this with the threatened strike has brought the shares down from 18½ prem. to 18 prem. Consett Spanish Ore shares are 31s. 6d. to 32s. 6d. Darlington Iron shares have been dealt in this week at 4, and are still offered at that price. John Abbota Co. shares continue to rise, 32 dis. being now bid without tempting sellers. In Palmer's Shipbuilding and Iron Company shares a marked improvement hat taken place within the last forlinght. The Ashares are wanted at 81; and B 4.3½ dis., whilst sellers hold out for 22 and 3 dis. respectively. A better dividend is expected this month, an

SCOTCH MINING AND INDUSTRIAL COMPANIES SHARE MARKETS.

STIBLING .- Mr. J. GRANT MACLEAN, sharebroker and ironbroker (Feb. 2), writes:—During the past week prices have generally clined, owing to the adverse state of foreign financial and poli matters, but as home trade is in a sound condition this would appear

(Feb. 2), writes:—During the past week prices have generally declined, owing to the adverse state of foreign financial and political matters, but as home trade is in a sound condition this would appear to be a favourable opportunity for investors. The recovery will depend on the movements in the money markets, which so far do not look very threatening.

In shares of coal, iron, and steel companies, Marbellas are exceptionally 2s. 6d. higher on dividend expectations, but the others are all lower. In the Scotch pigiron market the price of warrants declined from 51s. 6d. to 49s. 4\fo.45c. owing to the money pressure and the unfavourable foreign political and financial advices, but as home trade is fair there is no doubt higher prices will rule should the demand for America become brisker, which it is expected to do; and the present high ocean freight raies become more moderate. Blison and Cramp Colliery are at 32s. 6d.; Charles Cammell and Co., 73½; Chatterley Iron, 3½, to 3½; Darlington Iron, 75s. to 80s.; Liyavi and Tondu (preference), 70s. to 80s.; and Mwyndy Iron, 31s. 3d.

In shares of foreign copper concerns prices are generally lower, in sympathy with the market for that metal. Tharsis declined from 43% to 42½, but are now firmer, about 42%. Canada Copper (debentures) are at 47%; Coplapo, 60s. to 62s. 6d.; Huntington, 40s.; and Yorke Peninsula (preference), 15s. to 20s.

In shares of home mines business has been quiet, owing to dulness in the metal market. Glasgow Caradon declined from 14, to 16s. 3d. but are now firmer at 17s. Bell Vean are at 30s. to 40s.; Redford United, 27s. 6d. to 32s. 6d.; Carven Brea, 24; Caron, 5s.; Carn Camborne, 12s. 6d. to 17s. 6d.; Carvella, 6s.; Devon Copper and Blende, 17s. 6d.; Devon Friendship, 10s. to 15s.; East Chiverton, 30s. to 35s.; East Van, 10s. to 15s.; East Craven Moor, 5s. to 10s.; East Roman Gravels, 12s. 6d. to 17s. 6d.; Carvel, 6d.; Great Holways, 5 to 5½; Gunnislake (Clitters), 62s. 6d. to 17s. 6d.; Brakensil, 10s. to 12s. 6d.; Pandora, 10s. to 15s.; Parks, 5s.

to notice. Glasgow Coal Exchange are at 20s, to 25s.; and Nobel's Explosives are being dealt in at about 20s.

GLASGOW CARADON MINE.—The 22nd report of this company, for the year ended Dec. 31, has been issued. The sales of copper ore have been 2960l., and the loss on working 2522l.; a debit balance of 1351l. is carried to next year. The low price for copper has been against them, not only in the sales of ore but also because the reserves in many parts of the mine have not been profitable to work. The recent improvement in copper had not taken effect on the price of ore up to date of the company's last sale. The lode at the 114 has been reached in a most favourable description of ground, and so far, has fully realised expectations. It has steadily increased in value to 3l. or 10l. per fathom. The lode in the winze sinking below the 102 has also much improved, and it is now worth 15l, per fathom. All the indications point out that they have got into proper bearing ground, similar—indeed, better—than where the lode was found so valuable in the upper levels. The manager, therefore, anticipates soon to be able to increase the output; and this, along with the improvement in the price of ore, which it is only reasonable to expect, will likely enable better accounts to be shown next year.

FINDRIPHED M.—Mossrs THOWAS MULLER and SONS stock and share

EDINBURGH .- Messrs. THOMAS MILLER and SONS, stock and share brokers, Princes-street (Feb. 2), write:—The consequences of the disturbed state of financial matters on the Continent have been felt in a further depreciation of nearly all classes of securities. The raising of the Bank of England's minimum rate of discount, coupled raising of the Bank of England's minimum rate of discount, coupled with a large withdral of bullion for Paris, had a very depressing effect. Prices, however, began to improve vesterday afternoon. During the week Caledonian shows a decline from 109½ to 107½; North British, from 93½ to 90½; Glasgow and South Western, from 121½ to 120½; Great North of Scotland, from 62½ to 60; Brighton Deferred, from 15 to 133; Chatham, from 26½ to 26½; Sheffield Deferred, from 51½ to 49½; South Eastern Deferred, from 15½ to 121½. These prices show a still further decrease from those which ruled a month ago. The traffic returns for the last two weeks have shown a very satisfactory increase. Some preference and guaranteed stocks have been offered at lower prices, but

stocks have maintained previous quotations. Canadian and American ocks have had a further heavy fall. British Linen Bank stock has railway stocks have had a further heavy fall. British Linen Bank stock has receded from \$26 to \$27\$, the price having been reduced by competing sellers of the stock lately allotted by the Bank to the shareholders. North British and Mcreantile Insurance shares have risen from \$9 to \$93; Scottish Metropolitan Life, from \$2.8\$ d. to \$22.\$ Northern Assurance have receded from \$4% to \$3%; Scottish Mile, from \$2.8\$ d. to \$28.\$ Bcottish Life, from \$2.8\$ d. to \$28.\$ Bcottish Union and National, \$4\$, from \$78\$ to \$48.\$ d. to \$18.\$; File Coal, from \$74\$ to \$74\$. In mines Clyde Coal have declined from \$3.\$ to \$48.\$ File Coal, from \$74\$ to \$75\$; Glasgow Caradon, from \$20\$ d. to \$18.\$; Rio Tinto, from \$24\$ to \$225; Thearsis, from \$4\$ to \$425; Canadian Copper, from \$28\$, to \$58.\$ 6d. Edinburgh Tramways have advanced from \$135_{16}\$ to \$135_{16}\$. Prairie Cattle have receded from \$9\% to \$9\%; and the new shares, from \$7\% to \$7\%.

IBISH MINING AND MISCELLANEOUS COMPANIES SHARE MARKET.

-Messrs. J. H. CARROLL and Sons, stock and share brokers CORK.—Messrs. J. H. CARROLL and SONS, SLOCK and Share Drokers, South Mall (Jan. 25), write:—Markets were dull all round to-day, and Great Southerns changed hands at 109. Limericks were also done at 34½. No change in Midlands or Bandons. National Banks remain steady at 23½, and Munsters at 6½. Nothing done in Provincials or Hibernians. Cork Steam Packets remain 10½ to 10¾, and Lyons were bought at 4½, 165. Gas shares were asked for at 6½, and Gouldings offered at 8½. Harbour Board Debentures remain 122¼ to 103.

Meetings of Bublic Companies.

CONSOLIDATED MINING COMPANY.

The adjourned ordinary general meeting of the company was held New Exchange Buildings, George-yard, on Monday,
Mr. H. W. Spratt in the chair.
Mr. C. Cadogan (the secretary) read the notice convening the at New Exchange Buildin

The adjourned ordinary general meeting of the company was held at New Exchange Buildings, George-yard, on Monday, Mr. H. W. SPRATT in the chair.

Mr. C. CADOGAN (the secretary) read the notice convening the meeting.

The CHAIMMAN said—Gentlemen, you are aware that this is an adjourned meeting, and, therefore, the business we have to do is that which was left undone at our last meeting. The circular puts forth very concisely that the meeting "was adjourned at the request of the shareholders then present, with instructions to communicate with the general body of shareholders, with a view to obtain subscription of the unissend determines, to enable the company to erect reduce the worked at the Gineta Mines, and for the further development of the Corsican properties." Immediately after this suggestion was thrown out we framed a circular and sent that circular to all the shareholders, but I am extremely sorry to say that out of 1100 shareholders only I is persons have replied to that appeal, and I think it perhaps as well to state to you that we have merely 2 shareholders out of 1100 shareholders only I is persons have replied to that appeal, and I think it perhaps as well to state to you that we have merely 2 shareholders out of 1100 shareholders only I is persons have replied to that appeal, and I think it perhaps as well to state to you that we have merely 2 shareholders out of 1100 shareholders only I is person have replied to that appeal, and taken debentures. Now, I was curious to find out what proportion of have all the state of the think of the proportion, hat the the story at these 25 abserbolders are concerned their fair proportion, hat the the third the proportion is the third the proportion of the propor got at the Camille lode (there are some hundreds of lodes, but the Government have directed our attention to the special work which we are following, and it is only these special lodes that we refer to here). That is to they you that independently of Olmeta, which we are now immediately interested in, we have a very wast property in Lama, promising also to be a very good mine. Capt. Cock, who was out there, told our secretary some time ago that he somidered the Lama Mine far superior to the Olmeta. Therefore, I think that with that fine mining ground within a few days of London, and with the prospects which the properties afford, we ought to make a determined effort to raise 5000. (Hear, hear.) At present, the response from 28 people will give us 14001, and with the money in hand, we have about 20091, to devote to this. We were not content with the first circular, and we sent a second to get allttle more. Some gentleman has been good enough to ask somebody to "stir us up," that is the expression in one of the mining papers. I do not think we want that at all events. We have done out duty, and I think you will see that to send three circulars and get so little response is a little disheartening. We then thought there were other means of getting the money, and we have seen a certain Buancial house on the matter; but seeing what the shareholders have done they thought they ought not to be called upon at the present juncture; but I believe that if the shareholders as a rule would subscribe a few pounds each, and would show some disposition to help themselves, my friends could induce this house to come forward and take the remainder of the debentures. It will be for you to ask Mr. Applegarth any questions on any points which you wish to be enlightened. If the shareholders have done to be help themselves they will have no one to blame for losing so fine a property. The CHAIRMAN, in reply to questions, said the debenture-holders have for about the debenture-holders have for about the company, and step out the debentur

Mr. WILLIAMS: In your lucid statement you say 94 per cent. of stuff shipped here was perfectly useless. Could not greater care be exercised as to the choice of the core that is sent, so as not to seed such a quantity that is unremunerative. The mineral was distributed throughout the mass, and the only way it could be reduced at all, that was to concentrate it into higher value, was to treat the mass. They would find it in such a condition that they could not seed the properties out there, he had no hesitation in saying that those mines had paying ores in quantities, and according to the present outlook it was simply a question whether they or not. There was no trouble about them if they had the money to put up reduction works, but to bring over stuff with 34 per cent. of rubbish was a dead weight. They ought to bring their stuff up by concentration works so that their stuff had 65 or 70 per cent. of copper, at any rate 60 per cent., and then they could work their Olmeta low grade ores. But there was no doubt they would average 6 per cent. The sulphurets in them was not enough here to be worth anything; if they brought it here they would get nothing for it, and the best way to do it was to burn it off there. It could be done by a very cheap process, and inexpensive works. He was quite sum 2004, would erect there all the works they required for the Olmeta Mine, and works quite sumfering to works they required for the Olmeta Mine, and works quite sumfering to work they required for the Olmeta Mine, and works quite sumfering to work they required for the Olmeta Mine, and works quite sumfering to work they required for the Olmeta Mine, and works quite sumfering to work they required for the olmeta Mine, and works quite sumfering to work they required for the olmeta Mine, and works quite sumfering to work they required for the olmeta Mine, and works quite sumfering to put up works to work 500 tons a month. As to the Olmeta Mine, and they do to the put they would east very little more to put up works to work 1000 tons

A cordial vote of thanks to the Chairman and directors closed the meeting.

PORT PHILLIP AND COLONIAL GOLD MINING COMPANY. The ordinary general meeting of shareholders was held at the City Terminus Hotel, Cannon-street, on Thursday, Mr. A. T. THOMSON (the Chairman of the company) presiding. Mr. J. W. PURCHASE (the secretary) read the notice convening

The ordinary general meeting of shareholders was held in the City Terminus Hotel, Cannon-street, on Thursday,

Mr. A. T. THOMSON (the Chairman of the company) presiding.

Mr. J. W. PURCHASE (the secretary) read the notice convening the meeting, and the minutes of the preceding meeting, which were confirmed. The report and accounts were taken as read.

The CHAIRMAN said he was sorry that the exact state of their mines, as shown in the report, was by no means satisfactory. The shareholders would have been prepared by previous reports for the falling off in the amount of payable quartz raised, for in the last two reports it had been stated that some of the stamps had been kept ifle. For a certain portion of last year the stamps had been kept pretty well provided with quartz, so much so that the falling off in the whole year of the amount of quartz couled had not been targe; but during the last half of the year the amount of payable quartz fell off rapidly, and in the last month of the year the amount traced exceed exceeded one-had of the ordinary quantity of quartz sent to the stamps, which was about 5000 tons. It was found that there was a falling off in every part of the mine, and that the discrepancies in the yield were so great that it was impossible to calculate what any red would return. On one side it was found that the red contained only a few grains, and a little further on, perhaps, they would get a yield of 15 dwis.: so that the tributors gave up heading after neading involving an immense deal of dead work, and even then they had been unable to keep the stamps properly supplied with quartz. Under these circumstances it became necessary to assort this was only as the payable engage on the irregard to the large amount of quart year. The expenditure of driving the 13 level, which was the lowest level westward, would be very large. The lond dipped very far weatward. The directors consulted with Mr. Bland, and it was found that to do the work required in the ordinary way would take about three years, and cos

The Chalman, in reply to questions, said the income-tax was paid upon the verage of the profits of three years preceding the return. They were of course researching the old workings at the return. verage of the profits of three years preceding the return. They were of course rescuting the old workings at the mine.

The SECRETARY, in reply to a question, said the available assets of the communication of the commun

The SECRETARY, in reply to a question, said the available assets of the company amounted to 1973.

Mr. DONAGHAN expressed his satisfaction at the fuller information given in the report, but asked what the large item of mine contingencies, amounting to over 40004, comprised.—The CHAIRMAN said it was for stores of every sort.

Mr. DONAGHAN thought it would be better in future to describe the item as stores rather than as contingencies.—Mr. BEVAN advocated the reduction of the capital to the extent of 12, per share which was still uncalled.

The CHAIRMAN pointed out the difficulties of such a course, but said that if it were the general wish of the shareholders the capital could be reduced as suggested. The directors were, however, pledged not to call up any more money without the consent of the shareholders the capital could be reduced as suggested. The directors were, however, pledged not to call up any more money without the consent of the shareholders the capital could be reduced as augiested. The directors were fund of 60001. constituted a very good indemnity against a call.—The report and accounts were then unanimously adopted. The retiring directors, Messrs. R. H. Bland (resident director and manager) and Spencer Herapath were re-elected, and Messrs, Ransford and Molineux, the auditors, were re-appointed.

di Spencer Herapath were re-elected, and Messus, American distors, were re-appointed.

Votes of thanks to Mr. Bland and to the Chairman and directors were passed, and the meeting then closed.

VICTORIA (LONDON) MINING COMPANY.

The ordinary general meeting of shareholders was held at the City

The ordinary general meeting of shareholders was held at the Coly
Terminus Hotel, Cannon-street, on Thursday,
Mr. A. T. THOMSON in the chair.
Mr. J. W. PURCHASE (the secretary) read the notice convening the
meeting, and the minutes of the preceding meeting, which were confirmed. The report and accounts were takem as read.
The CHAIRMAN said there was 'very little to be added to the report. The South Clunes Company's returns were very good at the

beginning of the year, but suddenly the workings went into poor quarts, and since then they had only been paying their expenses or a little more. Since the report was drawn up the South Clunes Company had declared a dividend of 5s. per share. Letters had been received since the date of the report stating that some of the tribute returns were very low, but some yielded up to 6 dwts. 15 grs. and 3 dwts. 15 grs. per tog With regard to the London and Melbourne Company, the shareholders would remember that in the last report they were told that application had been made to the Land Titles Office for a title, and that when the title was obtained the freehold property might be sold. Very great delay occurred in the title, but seemed that it had at last been obtained. Mr. Bland informed them of this fact on Nov. 21, and in his next letter, dated in December, he stated that has sendeavouring to sell the land to the best advantage. He (the Chairman), therefore, hoped they might be able to get something out of the London ask Melbourne Company. They had kept 300, upon the books, as this company share in the value of the irredoid, which he hoped they would very shorily realise. The shareholders would see that the mine manager was of opinion that the falling off in the yield was temporary, and there was reason to hope that; it would improve in depth. It had been recommended that the South Clunes Company should buy some additional land out of their reserve fund, which amountal to/4452. If the recommendation were carried out he thought in the course of a few months that the reports from the company would be somewhat improved; at all events they might boes of. The Chairman then moved the adoption of the report and accounts.

Mr. Alferbe Combett's sconded the motion, which was carried without discussion.

The retiring director, Mr. A. Cobbett, and the auditors, Messrs. W. Brooks

The retiring director, Mr. A. Cobbett, and the auditors, Messrs. W. Brooks and R. Donagan, were re-elected.—The meeting then closed.

GREAT SOUTHERN MYSORE GOLD MINING COMPANY.

GREAT SOUTHERN MYSORE GOLD MINING COMPANY.

The ordinary general meeting of shareholders was held at the City Terminus Hotel, Cannon-street, on Tuesday,

Captain W. Bell MacTagart in the chair.

Mr. Ernest H. Goold (the secretary) read the notice convening the meeting. The rep 'rt of the directors, and of Mr. Bell Davis, and the statement of accounts, were taken as read.

The Chairman, after a few preliminary remarks, said he wished to draw particular attention to the paragraph in the directors' report, which stated:—"In laying this statement of accounts before the shareholders, the directors call attention to the fact that previous to the issue of the prospectus the sum of 5250L had been and the statement of accounts, were taken as read.

The CHAIRMAN, after a few preliminary remarks, said he wished to draw particular attention to the paragraph in the directors' port, which stated —"In laying this statement of accounts before the shareholders, the directors call attention to the fact that previous to the issue of the prospectus the sum of 5250f. Ind been lodged in the hands of trustees to provide the guaranteed interes for the first year, and that under the 7th and 13th clauses in the prospectus, the whole of the expenses for the formation and advertising of the company up to the date of allotment were provided for out of the 45,000f. to be paid on the acquisition of the property, they intended express, and thought they had expressed, the fact statectus expressed the express, and thought they had expressed, the fact statectus expressed the payment of the guaranteed interest, the expenses of advertising and forming the company, and in fact all the expenses up to the date of allotment, were purely the payment of the guaranteed interest, the expenses of advertising and forming the company, and in fact all the expenses up to the date of allotment, were purely the fact that all the liabilities and respectively and the payment of the guaranteed interest, the expenses of advertising and forming the company, and in fact all the expenses up to the date of allotment, were purely expensed to the guaranteed interest, the expenses of advertising and forming the company, and in fact all the expenses up to the date of allotment, were purely the prospectus, and thought that the 45,000l. was paid for the money advertised over and above the 45,000l. should be devoted to the development of the property and the property of the prospectus, and thought that the 45,000l. was paid for the property is the prospectus, and thought that the 45,000l. was paid for the property and the prope

The 28th and 28th of the month. So far this seemed to show that the string met with belonged to the auriferous band which ran through the country, as that he was on the right lodes and not the inferior bands of lodes to which the previous manager directed his attention. In the face of this it seemed to his that the company was not in a very bad position. They would in a very fer months know what the property was warth, for it would by that time be fully proved. He understood that the remaining capital of the company, when the shares were fully paid, would be about 9000. They had all the machinery on the ground. The machinery as excessively good, and with that amount of capital they should have sufficient to enable them to develope the lodes. (Hear, hear.) The only work the late manager did was to make a shallow trends across the western run of the ground for about 135 ft. The trench was excessively shallow, being only about 4 or 5 ft. deep, and was absolutely useless for the purpose of finding lodes. It was no use to costean unless they got to the rock. In this costean though a good many strings of quarts were cut they had not been followed. A shaft had been sunk 16 ft. long by 5ft. wide with the a prospecting shaft? A shaft of that size was only made when very larger of the Cornish mines, rather than for an Indian mine where the lode had yet to be proved. It would admit of 500 tons of stuff a day being easily day to the bear of the cornish mines, rather than for an Indian mine where the lode had yet to be proved. It would admit of 500 tons of stuff a day being easily days of note that had been done, the present manager had set to work in the right was at a small cost would have done all that was necessary. This was all the weid of note that had been done, the present manager had set to work in the right was at a small cost would have done all that was necessary. This was all the work of the late manager had set to work in the right was at a small cost would have done all that was necessary. This was all the we

the shaft the whole of the working expenses from the commencement would not exceed 6000L, which was very little for a company commencing such operations. The arrears of calls amounted to 7600L, and as they only had a balance of about 1400L at the present time it was quite clear that the company must be found 1400L at the present time it was quite clear that the company were forced into liquidation the calls would be enforced, while there would be no prospect of getting anything back, whereas by coming forward now there was every reasonable prospect that they would derive great benefit. Besides, it was scarcely fair nor honest to the shareholders, who had paid that these arrears should be continued. (Cheers.) The directors would for the future rigorously enforce the 19 per cent. on the monsy outstanding, and they would take the strongest measures with which the law provided them for the recovery of these monies. (Hear, hear.) The company had fair prospects of success. It was a bosa faide concern, and the value of the recis in the Mysore district had now passed out of the region of speculation into that of proof positive. Their property lies directly on the run of the five lodes which have been proved to exist. The information received from their manager was also very encouraging. He thought they with other shareholders in Indian gold mines, had been over-sangules, and in estimating the time that it would take to obtain results; once the was quite hopeful for the future, and being in a position to receive the most reliable and trustworthy information, he was confident that all things with the property of the property lies and the standard of the recommendation of the report of the future and decounts.—Mr. Bisitor seconded the motion, which was carried unanimously.

nanimousity.
The CHAIRMAN, in reply to a shareholder, said the directors' fees were 800%.

The CHAIRMAN, in 1973 to a single-month, said the directors here were soon.

Mr. CARNORTH asked whether any large amount was due on the shares held by the directors?—The CHAIRMAN replied that the directors held on Dec. 31, and still held, 3000 shares, upon which 11002 was then due for calls; but arrangements had since been made for the payment of the whole of that amount. (Applause.) The largest item of the arrears was 17502, by the shareholder to whose action he had referred to.

The CHAIRMAN, in reply Mr. PROBYN, said the expenditure would not present exceed 5002, a month, including the expenditure in London. The report and accounts were then adopted. Messrs. James and Edwards, the auditors were re-appointed.

The meeting closed with the usual compliments.

THE DEVALA PROVIDENT MINING COMPANY.

The adjourned ordinary meeting of the shareholders of this com-any was held on Thursday at the Cannon-street Hotel, Mr. HERMAN SCHULTZ in the chair.

The SECRETARY having read the notice convening the meeting, The CHAIRMAN said: At the last meeting a resolution was passed that the report and statement of accounts be neither received nor opted, and that a committee of three or more shareholders be ap-

that the report and statement of accounts be neither received nor adopted, and that a committee of three or more shareholders be appointed with full powers to investigate the company's affairs, to confer with the directors, and report to the shareholders as soon as possible. The holidays intervening, the committee did not commence their labours until the beginning of January, when they appointed a day to meet the board, without consulting the board whether it was convenient; and for that reason it was impossible to hold the meeting on that day.

Mr. Klenck said that before the Chairman made any remarks with regard to the committee it was only fair their report should be read, and any remarks would be made on it afterwards.

The Chairman then read the report of the committee, and continued to remark that the directors could not be given greater proof of their bona fides than by giving the committee every facility. The resolution at the last meeting refrect to the accounts. The directors had not been consulted, and they certainly thought that these grave charges should not have been brought without at least giving such information as the books clearly showed to explain some of the charges which, as they now atood, were not justifiable, in their opinion. They had tried in the circular which they had sent round to the shareholders immediately on the receipt of the committee's report to explain some of the matters, but of course the time had been very short to do that; and although they thought that they had answered every question touched upon in the report and explained their conduct, which they had nothing to reproach themselves with. If the answers contained in their report were not sufficient they cought to have a further conduct, which they had nothing to reproach themselves with. If the answers contained in their report were not sufficient they could not explained the law expenses as fully as might be desirable, but Mr. Robins would, no doubt, give defails.

A grakeholders said that some of them had received

hesy had not had time to read.

The CHAIRANA then read the second circular, which was the circular sent out by the board.

Mr. KLENCK said the committee made an appointment with the coard as early as they could. The first appointment they made they sere put off, but they insisted on the directors meeting them. When he show they seem that they meet they got to the office one gentleman simply represented the board, Mr. Smith, whom he should have to say something about presently, the board, of course, were much better acquainted with the affairs of the smany than the committee who had to grope through the affairs of the smany than the committee who had to grope through the affairs of the smany than the committee who had to grope through the affairs of the smany than the committee who had to grope through the affairs of the short space of time to pick up all the points they had given in the report. Therefore, the directors who had the conduct of their affairs ught to have been a direct refutation of the allegations the committee had brought and the board. He had read the directors' report, and failed to see any denial the statements that their committee had made, and he treated that report as much waste paper, not worth the postage. On Clause 4 in the agreement it is some expense convey all his right, title, and interest in the property to the small. It is own expense convey all his right, title, and interest in the property to the worth, and the statement of the small this own expense convey all his right, title, and interest in the property to the worth, and the statement of the district where the property is situated." The agreement entered into each of the statement of the statement of the statement of the district where the property is situated." The agreement entered into a district where the property is situated." The agreement entered into a statement of the statement of th KLENCK said the committee made an appointment with the is, on the arrival of which the shareholders will be immediately communiwith." On Dec. 12 last year they issued their report, 11 days after the red Mr. Fowler's letter, and not a mention was made of the extract of the
on the unfavourshie mining prospects which Mr. Fowler was purposely
rer, at the cost of the commany, to put them in possession of. Mr. Fowler
is his letter read at the oracl meeting, on Dec. I that "after making a
in between Nos. 1 and 2 shafts, at the north-east point, and not finding
ing, he did not know what else to do, leaving it to the board to decide on
operations, and stating also that he saw little chance of success. The
ms suppressed and anotived that, considering Mr. Fowler's statement, a
operations, and stating also that he saw little chance of success. The
ms suppressed of his position, to give notice of a termination of his agreewith the company. He could only say that the directors had bought an
e and used of his position, to give notice of a termination of his agreewith the company. He could only say that the directors had bought an
e and used of coffee estate, and though they had mining rights for
a those 30 acres had not been defined. He moved that "having heard the
titlee's report on the present unsatisfactory position of the company, the
motion having been seconded, the CHAIRMAN said that although the conlon-money was 5s. he had paid every penny on his shares. He had tried,
take, to do his best for the company, and so had his colleagues. It was not
to them at the mining rights were not conveyed to them until large
es had been incurred. They had paid 1500t, to the vendor for preliminary
es, in accordance with the terms of the prospectus. There was no diffitith regard to the 50 acres at all. If they went in for 30 acres and found
f they and are acres at a surface of the prospectus. There was no diffitith regard to the 50 acres at all. If they went in for 30 acres and found
are method as a constant of the had paid
are referred to the firm of the prospectus. There was

ught 40 more. — Mr. Bacox and Mr. Montefiore also said they had paid amount on their shares.
tome further discussion the whole of the board tendered their resignand a resolution was passed accepting it, and requesting the committee to
be their labours, and nominate a new board for the approval of the sharet, and that the meeting be adjourned until Thursday, Feb. 18.

mendment to adjourn with the view of giving the directors time to answer
"gations of the committee was put, and lost by a large majority.

The thanks of the meeting were voted to the committee, and also to the Chair-nan, and the proceedings then terminated.

COLAR GOLD MINING COMPANY.

The blanks of the meeting were voiced to the committee, and also to the Chairman, and the proceedings then terminated.

COLAR GOLD MINING COMPANY.

The ordinary general meeting of shareholders was held at the Cannon-street Hotel, on Tuesday,—Col. Lindbar in the chair.

Mr. BEAUNONT (scoretary) read the notice convening the meeting. The CHAIRMAN said—The annual report has now been in your bands for several days. With your permission I will, therefore, consider it as read, and proceed to make a few remarks before moving its adoption. The accounts you will observe are brought down to make a few remarks before moving its adoption. The accounts you will observe are brought down to the control of the control

He took it this the roses of the following the control of the Charleman said that in No. 2 shaft the lode they were at present working on there was no doubt must be the same as the western lode in the Mysore.

Mr. Staples, our manager, would have given some naming if the lodes were not the same.—The Charleman: No doubt.

Mr. Staples: Then I think we may go away with the belief that the lodes are identical with the Mysore.—The motion for the adoption of the report was then put, and carried unanimously.

The retiring directors having been re-elected, 800l. was voted the board for their services during the current year.—A vote of thanks to the Chairman and directors then terminated the proceedings.

THE SANTA CRUZ SULPHUR AND COPPER COMPANY.

An extraordinary general meeting of shareholders was held at the Cannon-street Hotel, on Monday (Sir F. C. Knowles, Bart., the Chairman, presiding), for the purpose of passing resolutions for the voluntary winding-up of the company, the appointment of liquidators, and authorising the liquidators to enter into an agreement with the New Tharsis Sulphur Company for the return of the purchase money paid to them by the Santa Cruz Company, in the manner set forth in the resolution given below.

Mr. J. JAMESON TRUBAN (the secretary) read the notice calling the meeting.

The CHARMAN said: Gentlemen, the occasion which has brought us together to-day is so fully explained in the circular which is in your hands that I think very few observations will be needed from me. After we had conducted the working of the mines to a certain point we found that I think very few observations will be needed from me. After we had conducted the working of the mines to a certain point we found that they did not answer the expectations which had been formed of them, as to the general output and profit to be devived from them. Finding this to be the case we thought it outlets from them. Finding this to be the case we thought it outlets from them. Finding this to be the case we thought it outlets from the provided that are considerable disappointment must be incurred in the working of the mine, as I just stated, and set all the provided that a considerable disappointment must be incurred in the working of the mine, as I just stated, and well filling to continue at a great cost the explorations which well as the provided that a considerable disappointment must be incurred in the working of the mine, as I just stated, and the filling to continue at a great cost the explorations which well as the provided that a considerable disappointment must be should ensured as the considerable disappointment which was to the explorations which we have a supported that a considerable to address ourselves to the vendors of the property—the New Tharsis Company. We were met by them in a most excellent, fair, and honourable spirit. They shared with us in the disappointment which had taken place, and I am happy to say they shared also in the earnest desire to arrive at some accommodation and some arrangement which is the which would embrace as far as was possible them there is to address ourselves to the vendors of the circular which was the disappointment which had clearly the proposed will be accommodated that the proposed will be accommodated to the vendors and the purchasers. After a long time the vendors and the purc The CHAIRMAN said: Gentlemen, the occasion which has brought

IRNAL.

Ind on the behalf of the company, to enter into an agreement with the New Tharis Suiphur Company (Limited), herelinater called the New Tharis Company shall return the purchase-money of 60,000, Incash (the New Tharis Company shall return the purchase-money of 60,000, Incash (the New Tharis Company shall return the purchase-money of 60,000, Incash (the New Tharis Company shall return the following the follow

the performance of the agreement, but what that security was it would not be fair to disclose.

In the course of a short discussion which ensued, it was stated that in the event of the agreement not being carried out the rights of the shareholders would naturally revive.

The Sotterros having stated that the resolution must either be accepted in its integrity without alteration, or rejected, the resolution, as moved by the Chairman, was then put and carried almost unanimously.

On the motion of the Chairman, seconded by Mr. Sherson, the following resolution was then passed:—"That the company be wound-up voluntarily under the provisions of the Companies Acts, 1862 and 1857."

A short discussion ensued on the appointment of liquidators, and an opinion was expressed that there should be three liquidators, and in the end the following three gentiemen were appointed—Col. W. M. Cochrane, Mr. A. N. Sherson, and Mr. Carnegle,—A vote of thanks to the directors closed the proceedings.

CARN CAMBORNE TIN AND COPPER MINING COMPANY.

The first ordinary general meeting of shareholders was held at the

The first ordinary general meeting of shareholders was held at the Masons' Tavern, Masons' Avenue, on Monday, Mr. G. S. Gregory in the chair.

The Secretary read the following report: —

Low. 28.—We presume that the reports which we have already furnished to the shareholders of the last Cost-book company will give you a sufficiently clear idea of the highly favourable position and excellent general features of the sett, and that there is, therefore, no necessity for our repeating our observations on these heads, but on the present occasion only to refer to the operations now being carried on, and the prospects they present. Having sunk the engine-shaft (which is perpendicular from the surface to the bottom) to the 105, and thoms from the surface to the bottom) to the 105 at home from the surface to the bottom) to the 105 at home from the surface to the bottom to the 105 at home from the surface to the bottom to the 105 at home from the surface to the bottom to the 105 and the prospects they be the surface to the bottom to the 105 at home from the surface to the bottom from the surface to the bottom to the 105 and should.

MINING MACHINERY.

Act, and, therefore, as you may suppose, we have nothing really of any importance to bring before you. The accounts are not made up, as it is not usual to make them up except once a year. You are most of you aware of the circumstances under which this company has lately been turned into a Limited Liability company; but in case perhaps all the shareholders are not cognisant of this fact, it may be as well for me to state that we have carried on this mine for some two years as a Cest hook mine and as the shareholders under that as well for me to state that we have carried on this nine for some two years as a Cost-book mine, and as the shareholders under that system were subject to calls from time to time to pay the current expenses of working and managing the mine, it seemed to be unsuitated to company from a Cost-book into a familiated one. This has recently been done, and the finarchiodiser in the original Cost-book company stand in the relation, and the finarchiodiser in the original Cost-book company is not the content of the proclass money from the critical in the proclass money from the funding of the finarchiologist in the content of the content SCHRAM'S Patent Direct-acting ROCK DRILL Patent AIR COMPRESSORS

IMPROVED SUPPORTS FOR DRIVING, SINKING, AND STOPING. CONTRACTS TAKEN. MACHINES LET ON HIRE.

Also, the BEST WINDING and HAULING ENGINES, BOILERS, PUMPS, &c. ILLUSTRATED CATALOGUE AND PRICE LIST ON APPLICATION.

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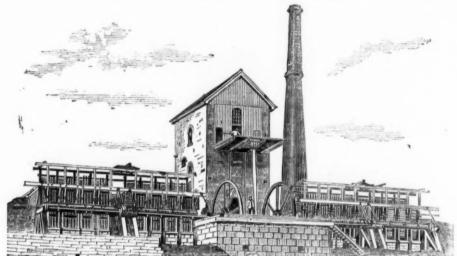
engineers, 9, NORTHUMBERLAND STREET, CHARING CROSS, LONDON, W.C.

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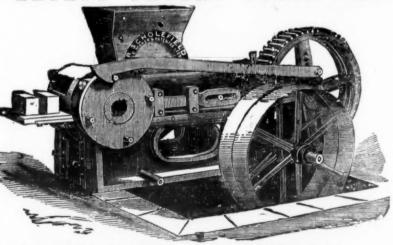
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R. SCHOLEFIELD'S BRICK-MAKING PATENT



R. S. begs to call the attention of all Colliery Owners in particular to his PATENT SEMI-DRY BRICK MACHINE, and the economical me thod of making bricks by his patent machinery from the refuse that is taken from the pits during the process of coal-getting, which instead of storing at the pit's mouth (and less) is at once made into bricks at a very small cost, by R. S.'s Par teut Brick-making Machinery. I the material is got from the pit hill the following is about the cust of

GLASGOW CARADON.—The accounts prepared for presentation at the meeting in Glasgow on Monday show a loss on the 12 months ended December of 2522l. 13s. 11d. The directors' report states that the low price of copper has seriously affected the results, not only in the low price of ore realised from the sales, but also because the reserves in many parts of the mine would not have been profitable at the prices obtained, and it would not have been advisable, therefore, to have worked them. The directors regret the unfavourable results, but the prospects for the ensuing year are brighter. There is a favourable change in the ground about the south lode, similar to that in the 78 and shallow levels, where they found their best courses of ore, and the lode at the 114 is of the same character and underlay, easy to work, and if it continues to open out as at present they may confidently expect to considerably increase the output of ore, and then hope soon to return to their former state of prosperity.

[For remainder of Mestings see to day's Translation of the same character of the same character of the properity. [For remainder of Meetings see to-day's Journal.]

ELECTRIC LIGHTING.—Mr. Robinson, one of the Examiners of the House of Commons, gave his decision on Thursday in the cases of the British Electric Light Company (Limited), the Anglo-American Brush Electric Light Corporation (Limited), and the Electric Light and Power Generator Company (Limited). All the cases had been opposed when brought before the Examiner last week for the purpose of complaying with the Standing Orders. Mr. Robinson powers purpose of complying with the Standing Orders. Mr. Robinson now decided that the allegations of the opponent to the Bill had not been maintained, and that the Standing Orders had been duly comproduction, and the hands required to make 10,000 pressed bricks per day:-

THE MACHINES CAN BE SEEN IN OPERATION AT THE WORKS OF THE SOLE MAKER AND PATENTEE DAILY. SCHOLEFIELD'S ENGINEERING & PATENT BRICK MACHINE WORKS KIRKSTAL ROAD LEEDS.

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"CORNISH" ROCK DRI Mª CULLOCHS & HOLMAN BROS MINING INSTITUTE OF CORNWALL, 1881.

This machine has been constructed after a long practical experience in the requirements necessary for Cornish mines. The result has more than realised our expectations. Our chief objects in view were GREATER DURABILITY and LESS LIABILITY TO DISARRANGEMENT, but it has also proved itself MORE EFFECTIVE. (Vide Report)

MINING INSTITUTE OF CORNWALL.

CAMBORNE, 8TH DECEMBER, 1881.

SIR,—Having been requested by the Council to superintend the Rock Drilling Machine Contest, held at Dolcoath Mine to-day in connection with the above Institute, I beg to hand you the following report:—

The competing machines were the "Barrow," the "Cornish," and the "Eclipse"—each was fixed on the same mounting bar, and bored into the same stone. The result of the boring were as follows:—

Name of Machine.	Diameter of cylinder.	Diameter of Drill.	Time t	oring.	Depth bored.		Cubic inches cut per minute.	Mean pres- sure per square inch.	Remarks.
Cornish	In. 3½	In. 2 13	Min.	Sec. 15 55	In. 4½ 9	14·1 21·6		Lbs.	
Total	31/2		2	10	13}	35.7	16.4	61	
Eclipse second try third try	3½ 3½	$\frac{2}{2}$	2 2	$\begin{array}{c} 40 \\ 0 \\ 35 \end{array}$	1 111	3·1 35·3		- 60	Ran into Cornish hole; hole not properly watered.
Barrow	4	13	2	$\begin{array}{c} 15 \\ 0 \end{array}$	84	1·2 19·18	_	=	Gland to mounting bar broke.
Total	4	13	2	15	83	21.0	9-3	60	

I am, Sir, your obedient servant,

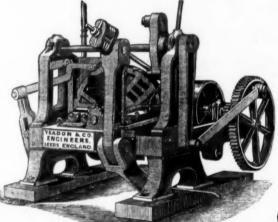
To R. H. Williams, Esq., C.E., President of the Mining Institute of Cornwall.

JAMES HOSKING, M.E.

HOLMAN BROS.,

CAMBORNE FOUNDRY AND ENGINE-WORKS, CAMBORNE, CORNWALL.

PATENT BRIQUETTE MACHINE.



GREAT SAVING NO WASTE COAL.

NO COLLIERY SHOULD BE WITHOUT.

These Machines utilise small coal or coke by making it into Briquettes or blocks of compressed fuel at the rate of 36,000 per The cost of preparing, mixing, and making is under One Shilling per ton. The Briquettes sell readily for Locomotives, Household, or other purposes. Full particulars on application to

YEADON AND CO., LEEDS.

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FOR EVERY DESCRIPTION OF PLANT FOR

Collieries, Mines and Brickworks.

TESTIMONIALS

CHARBONNAGE DE BERNISSART, PRES PERUWELZ (BELGIUM), JANUARY 4TH, 1878 Messrs. Yeadon and Co, Leeds. CHARBONNAGE DE BERNISSART, PRES FERUWELZ (DELGIUM), SANUARI 7711, 1010. I continue to be perfectly satisfied with the work performed by the two patent Briquette Machines as well as with that of the Steam Engine, Mixer, &c., which you supplied a few months ago for the manufacture of compressed slack Briquettes, and that I can recommend them as being the best machines I know of, after having carefully studied all the Briquette Machines constructed at home and abroad.

G. FAGES, General Manager.

SOCIETE DES CHARBONNAGES REUNIS DU RIEU DU CŒUB ET DE LA BOULE. QUAREGNON (BELGIUM), SEPEEMBER 13TH, 1879.

Societe des Charbonnages reunis du Rieu du Cœur et de la Boule. Quaregnon (Belgium), Sepeember 13th, 1879.

Messes, Yeadon and Co., Leeds.

We are entirely satisfied with the erection and working of the two Briquette Machines, as well as the Steam Engine and Mixing Apparatus.

A. FRANEAU, Managing Director.

Messes, Yeadon and Co., Leeds.

I continue to be highly satisfied with the Briquette Machines which you supplied in 1877. They do their work very well, and produce the Briquettes very regularly, and of a good quality.

Messes, Yeadon and Co.

Societe Houllere de Vendin-lex-Bethune, Pas-be-Calais, December 2nd, 1880.

I have the honour to inform you that the Briquette Machines work very well.

The undersigned, Civil Engineer of Mines, Chevalier of the Legion of Honor, Consulting Engineer for the Mines de Vendin-lezto, Bethune, Pas-de-Calais, certifies that the Briquette Machinery for making Briquettes of Coal, supplied by Messes, Yeadon and Co.

E. LISBET.

Lilbe, December 28, 1880

Lille, December 28, 1880

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AILY. RKS PATENT IMPROVED

Blake Ore Crusher,

WILL CRUSH ALL KINDS OF ORE AND EMERY STONE To fine grain powder, the required fineness being regulated by the plenished with quicksilver as often as necessary. mesh placed on the screen.

Than any other Firm in the World.

PRICES AND PARTICULARS ON APPLICATION.

PHŒNIX WORKS, STALYBRIDGE.

FOREIGN MINING AND METALLURGY.

FOREIGN MINING AND METALLURGY.

The greatest ürmness continues to prevail in the French iron trade. Pig has been in considerable request. Business has been done at 21. 16s. per ton in the Longwy group, and white refining pig has even been carried to 21. 17s. 8d. per ton. At Paris the situation is decidedly good, and iron merchants show considerably less disposition than they did last year to run after customers. Merchants evince, indeed, little disposition to dispose of their stocks, as they know they have little to gain from forgemasters, who are determined to at least maintain quotations during the remainder of the current year. Merchants' iron has been quoted at 81. 8s. per ton at Paris. It is thought that in the case of orders to he completed in the second half of this year some slight concessions would be made in prices in the St. Dizier district. The German ironworks have shown a renewed upward movement. Pig has been held with extreme firmness, and instead of making concessions the proprietors of blast furnaces seem rather disposed to advance their pretensions. It has been a matter of some difficulty to meet the demand for iron in bars in Germany, as it has continued unchecked. The basis price for bars has been carried in Westphalia to 71. 2s. per ton. In Silesia bars have scarcely made such a high price as this, but plates have been in strong demand, and a fresh advance in prices is anticipated; meanwhile purchasers experience considerable difficulty in securing anything like prompt delivery.

The Belgian iron trade still presents a firm tone: there is the same.

The Belgian iron trade still presents a firm tone; there is the same

The Belgian iron trade still presents a firm tone; there is the same

The Belgian iron trade still presents a firm tone; there is the same The Belgian iron trade still presents a firm tone; there is the same abundance of work as hitherto, and the same confidence is felt in the future. There has, however, been a slight check in the upward tendency of prices; perhaps, after all, this is rather a good sign than a bad sign. There is no lack of business, but the current of transactions cannot continually increase in volume, and a moment of comparative tranquility unavoidably arrives. Belgian pig has been supported with firmness, and cannot now be procured below 2l. 16s per ton. The Athus Works have placed the whole of their production for the second quarter of this year, and the management decline now to enter into fresh engagements in advance; this is, of course, an indication of much confidence in the future. At Charleroi the tone of business is still favourable. Orders on export account continue abundant in Belgium, and numerous contracts are in course of negociation; hence there is no cause for ironmasters to make concessions. Girders have maintained firmer prices with steadiness. Plates have been in request at 84l. per ton, and producers have experienced no difficulty in finding purchasers. A steamer from Bilbao, laden with 500 tons of materials for the John Cockerill Company, has been refloated, and her cargo has been transferred to another vessel. The John Cockerill Company will experience accordingly but little loss in connection with what promised at first to be a retarge restore a retarge restore a retarge restore and the connection with what promised at first to be a retarge restore a retarge restored and connection with what promised at first to be a retarge restored and connection with what promised at first to be a retarge to the connection of the connection with what promised at first to be a retarge to the connection of the connection of the connection of the connection of the connection with what promised at first to be a retarge to the connection of the connection

500 tons of materials for the John Cockerill Company, has been refloated, and her cargo has been transferred to another vessel. The John Cockerill Company will experience accordingly but little loss in connection with what promised at first to be a rather serious mishap. A touch of winter has at last been noticed in Belgium. It had been supposed that the winter was absolutely at an end, but after a lengthened period of moderate cold what the Belgians term some serious frosts have appeared. These frosts have, however, come late, and in all probability the time lost will not be recovered, and the winter of 1881-2 will remain one of the worst on record for Belgian colliery proprietors so far as domestic qualities of coal are concerned. Industrial coal, on the other hand, is still in good demand in Belgium, and prices have been maintained, without any downward tendency. Coke has been in good demand in Belgium; in the centre of Belgium especially this latter product is almost unobtainable. In the Borinage quotations for coke show a decided tendency to advance. Coal is not in increased demand in Germany, and no change can be reported in the general state of the markets. There is the same indifference as hitherto as regards domestic qualities of coal, and the same enquiry for industrial coal. In the Sarrebruck district a reasonably satisfactory state of things prevails. The production of December amounted to 459,293 tons, as compared with 453,468 tons in December, 1880. The production of the Sarrebruck basin for the whole of 1881 amounted to 5,130,408 tons; the deliveries of the year were 5,119,468 tons. The corresponding deliveries for 1880 were 5,195,691 tons.

EXTRACTING METALS FROM ORES.—In order to obtain silver from sulphurous ores containing silver admixed with lead, it had been proposed to heat the ore together with sulphuric acid to convert the lead into insoluble sulphate; at the same time sulphurous fumes are driven off, which are conducted into a leaden chamber to be converted into sulphuric acid by the action upon them of nitrous fumes obtained from nitrate of potash contained in the chamber. According to the invention of Mr. W. J. Fuller, of Lombard-street, the ore is taken after it has been heated together with sulphuric acid and washed to remove the soluble salts, and he saturates it with nitric acid, and again heats the mass to convert the silver and other metals, such as nickel and cobalt, into nitrates. All acid fumes driven off during this operation he conducts into the leaden chambers, into which the sulphurous acid driven off in the operation of heating the ore with sulphuric acid is passed. Subsequently the ore is lixviated with water, thereby removing from it the nitrate of silver and other soluble nitrates and nitric acid. This solution, after previous concentration, may be used over and over again until saturated with metal, and may then be introduced into the leaden chamber to aid in converting the sulphurous into sulphuric acid, and the silver may be recovered from the residue removed from the chambers. Or the silver may be removed from the solution of nitrates by well known means, and the residual nitrates having been mixed with sulphuric acid may be used for dissolving out fresh quantities of silver. EXTRACTING METALS FROM ORES.—In order to obtain silver from

GOLD AMALGAMATING APPARATUS.—An improved apparatus intended for the winning of gold from auriferous sand or ores containing gold reduced to a powdered state has been invented by Mr. F. CAMPBELL, of the Strand. The invention consists in the construction and use of a washing tank or tanks supplied with water, revolvable copper and other stirrers and quicksilver trough, combined with one or more riffle boxes fitted with a series of copper troughs arranged step fashion for the purpose of holding quicksilver and baize covered tables. The apparatus is constructed in practice partly of copper and partly of wood and iron or other appropriate materials. The sand or powdered ore is introduced in any convenient manner to the washer tank where the copper bladed stirrers are kept revolving. This tank is nearly filled with water, and is supplied with a bed or bottom of quicksilver. Here the sand is thoroughly beaten up and washed. The wet sand after the washer is well charged is then by the action of the stirrers beaten over the end of the washer to the riffle box, which is connected therewith by a spout or spouts; in the riffle box, which is connected therewith by a spout or spouts; in the riffle box the sand passes by gravity over the quicksilver trough, arranged step fashion. From the riffle box by means of one or more spouts the sand passes on to a series of precipitating trays or tables, each fitted with one or two quicksilver troughs. After passing these trays the residue of the sand passes on to one or a series of tables covered with haive. The guicksilver anglezani is senoved from time trays the residue of the sand passes on to one or a series of tables covered with baize. The quicksilver amalgam is removed from time to time and treated for the recovery of the gold, and the troughs re-

ROBERT BROADBENT AND SON
Have probably had more experience in the manufacturing of

STONE BREAKERS & ORE CRUSHERS
Than any other Firm in the World.

Cornish Pumping-Engines.—The number of pumping-engines reported for December is 15. They have consumed 2203 tons of coal, and lifted 16.6 million tons of water 10 fms. high. The average duty of the whole is, therefore, 50,900,000 lbs. lifted 1 ft. high by the consumption of 112 lbs. of coal. The following engines have exceeded the average duty:

West Tolgus-Richard's 70 in.

West Wheal Seton—Harvey's 85 in.

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West Wheal Seton—Rarvey's 85 in.

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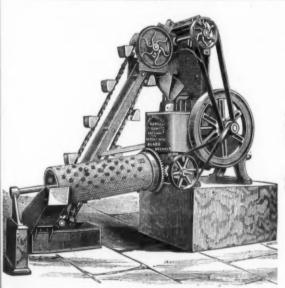
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HOLLOWAY'S OINTMENT AND PILLS.—Rheumatism and rheumatic gout are the most dreaded of all diseases, because their victims know that they are safe at no season, and at no age secure. Holloway's ointment, after fomentation of the painful parts, gives greater relief than any other application; but it must be diligently used to obtain this desirable result. It has been highly commended by rheumatic subjects of all ages and of both sexes, for rendering their attack less frequent and less vigorous and for repressing the sour perspirations and soothing the nerves. In many cases Holloway's ointment and pills have proved the greatest blessings in removing rheumatism and rheumatic gout which had assailed persons previously and at the prime of life.



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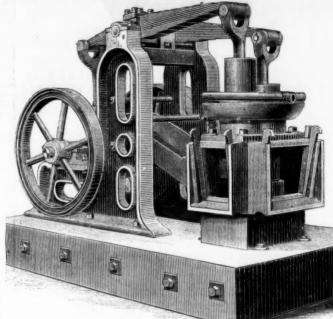
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These Machines are guaranteed to reduce more Quartz with less applied power than any Machines in the market.



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For the last three years it has been solely used with complete success by the Aqueous Works and Diamond Rock Boring Company (Limited), and Messrs. Beaumont and Co

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Winding and Hauling Engines,
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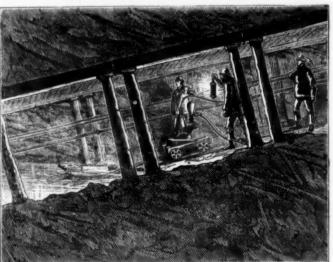
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INVALUABLE FOR SINKING WORK
WILL WORK SUSPENDED ON A CHAIN
NO WEARING PARTS, EXCEPT THE SIMPLY
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WILL PUMP SANDY WATER FREELY.
NEEDS NO SKILLED ATTENTION.

Company (Limited), NINE ELMS IRONWORKS LONDON, S.W.,

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WINDING AND HAULING ENGINES.
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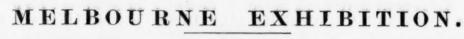
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GOLD AND SILVER MEDALS AWARDED for Steam-Engines and Boilers, Winding Engines, the Special Steam Pump, &c.



TANGYES LIMITED,

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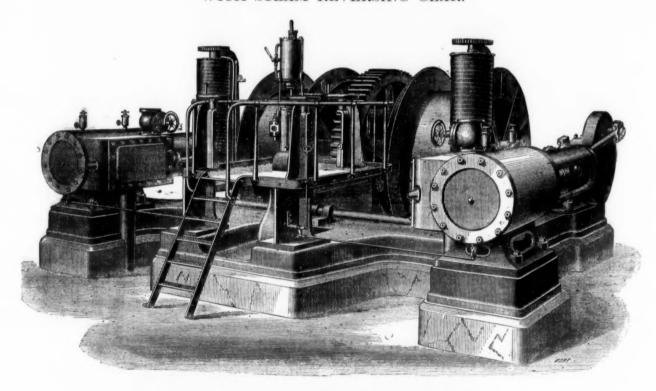
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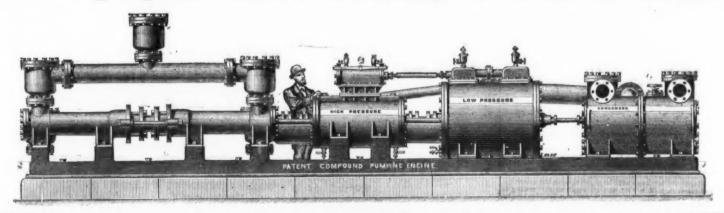


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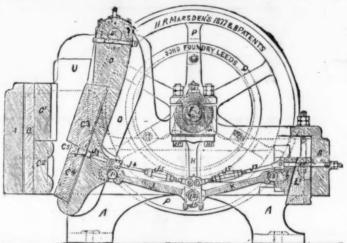
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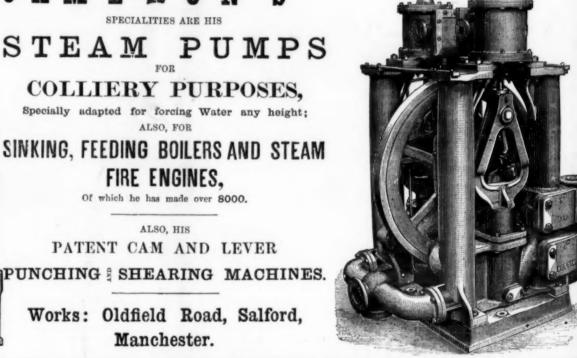
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